



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI

POLITEKNIK NEGERI SRIWIJAYA
JURUSAN MANAJEMEN INFORMATIKA

Jalan Sriwijaya Negara Bukit Besar - Palembang 30139 Telepon (0711) 353414
Laman : <http://polsri.ac.id>. Pos El : info@polsri.ac.id

KESEPAKATAN BIMBINGAN TUGAS AKHIR

Saya yang bertanda tangan dibawah ini,

Pihak Pertama

Nama : Viyandra Vanya Audrey Riswanda
NIM : 061940832693
Jurusan : Manajemen Informatika
Program Studi : DIV Manajemen Informatika

Pihak Kedua

Nama : Dr. Indri Ariyanti, SE.,M.Si.
NIP : 197306032008012008
Jurusan : Manajemen Informatika
Program Studi : DIV Manajemen Informatika

Pada hari ini Jumat tanggal 31 Maret 2023 telah sepakat untuk melakukan konsultasi bimbingan Laporan Tugas Akhir.

Konsultasi bimbingan sekurang-kurangnya 2 (dua) kali dalam satu minggu. Pelaksanaan bimbingan pada setiap hari Senin sampai Jumat pukul 09.00 WIB s.d 16.00 WIB, yang bertempat di Politeknik Negeri Sriwijaya.

Demikianlah kesepakatan ini dibuat dengan penuh kesadaran guna kelancaran penyelesaian Laporan Tugas Akhir.

Pihak Pertama

Viyandra Vanya Audrey Riswanda
NIM 061940832693

Palembang , 31 Maret 2023
Pihak Kedua

Dr. Indri Ariyanti, SE.,M.Si.
NIP 197306032008012008

Mengetahui,
a.n Ketua Jurusan
Ketua Program Studi

Rika Sadariawati, SE.,M.Si.
NIP 197302232002122001





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KESEPAKATAN BIMBINGAN TUGAS AKHIR

Saya yang bertanda tangan dibawah ini,

Pihak Pertama

Nama : Viyandra Vanya Audrey Riswanda
NIM : 061940832693
Jurusan : Manajemen Informatika
Program Studi : DIV Manajemen Informatika

Pihak Kedua

Nama : Andre Mariza Putra, S.Kom.,M.Kom
NIP : 198803082019031011
Jurusan : Manajemen Informatika
Program Studi : DIV Manajemen Informatika

Pada hari ini Senin tanggal 27 Maret 2023 telah sepakat untuk melakukan konsultasi bimbingan Laporan Tugas Akhir.

Konsultasi bimbingan sekurang-kurangnya 2 (dua) kali dalam satu minggu yang bertempat di Politeknik Negeri Sriwijaya.

Demikianlah kesepakatan ini dibuat dengan penuh kesadaran guna kelancaran penyelesaian Laporan Tugas Akhir.

Pihak Pertama

Viyandra Vanya Audrey Riswanda
NIM 061940832693

Palembang , 27 Maret 2023

Pihak Kedua

Andre Mariza Putra, S.Kom.,M.Kom
NIP 198803082019031011

Mengetahui,
Ketua Jurusan Manajemen Informatika

Dr. Indri Ariyanti, SE.,M.Si.
NIP 197306032008012008





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PENGAJUAN JUDUL TUGAS AKHIR

Kepada Yth,
Dosen Pembimbing I
Di
Politeknik Negeri Sriwijaya

Dengan Hormat,

Dalam rangka memenuhi syarat penyusunan Tugas Akhir, maka saya:

Nama : Viyandra Vanya Audrey Riswanda

NIM : 061940832693

Kelas : 8 MID

Jurusan / Program Studi : Manajemen Informatika / DIV Manajemen Informatika

Bermaksud mengajukan judul Tugas Akhir. Adapun judul Tugas Akhir yang saya ajukan yaitu:

- 1) Penerapan Metode *Multi-Objective Optimization by Ratio Analysis* (MOORA) dalam Sistem Pendukung Keputusan Penerima Pinjaman Koperasi Berbasis *Website* pada KPRI Sylva Lestari Lingkup UPT KLHK dan Dinas Kehutanan Sumatera Selatan.
2. Sistem Pendukung Keputusan Pengangkatan Anggota Koperasi Menggunakan Metode *Multi-Objective Optimization by Ratio Analysis* (MOORA) Berbasis *Website* pada KPRI Sylva Lestari Lingkup UPT KLHK dan Dinas Kehutanan Sumatera Selatan.
3. Sistem Pendukung Keputusan Pemberian Bonus Gaji Karyawan Menggunakan Metode *Simple Additive Weighting* (SAW) Berbasis *Website* pada CV Araminta.


Demikian surat pengajuan judul Tugas Akhir ini dibuat, sekiranya judul diatas dapat disetujui.

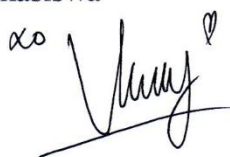
Atas persetujuan Ibu saya ucapkan terima kasih.

Palembang, 13 April 2023

Menyetujui,
Dosen Pembimbing I,

Hormat Saya,
Mahasiswa


Dr. Indri Ariyanti, SE.,M.Si.
NIP 197306032008012008


Viyandra Vanya Audrey R
NIM 061940832693



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PENGAJUAN JUDUL TUGAS AKHIR

Kepada Yth,

Dosen Pembimbing II

Di

Politeknik Negeri Sriwijaya

Dengan Hormat,

Dalam rangka memenuhi syarat penyusunan Tugas Akhir, maka saya:

Nama : Viyandra Vanya Audrey Riswanda

NIM : 061940832693

Kelas : 8 MID

Jurusan / Program Studi : Manajemen Informatika / DIV Manajemen Informatika

Bermaksud mengajukan judul Tugas Akhir. Adapun judul Tugas Akhir yang saya ajukan yaitu:

1. Penerapan Metode *Multi-Objective Optimization by Ratio Analysis* (MOORA) dalam Sistem Pendukung Keputusan Penerima Pinjaman Koperasi Berbasis *Website* pada KPRI Sylva Lestari Lingkup UPT KLHK dan Dinas Kehutanan Sumatera Selatan.
2. Sistem Pendukung Keputusan Pengangkatan Anggota Koperasi Menggunakan Metode *Multi-Objective Optimization by Ratio Analysis* (MOORA) Berbasis *Website* pada KPRI Sylva Lestari Lingkup UPT KLHK dan Dinas Kehutanan Sumatera Selatan.
3. Sistem Pendukung Keputusan Pemberian Bonus Gaji Karyawan Menggunakan Metode *Simple Additive Weighting* (SAW) Berbasis *Website* pada CV Araminta.

Demikian surat pengajuan judul Tugas Akhir ini dibuat, sekiranya judul diatas dapat disetujui.

Atas persetujuan Bapak saya ucapkan terima kasih.

Palembang, 13 April 2023

Menyetujui,
Dosen Pembimbing II,

Andre Mariza Putra, S.Kom.,M.Kom
NIP 198803082019031011

Hormat Saya,
Mahasiswa

Viyandra Vanya Audrey R
NIM 061940832693





KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
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Laman : <http://polsri.ac.id>, Pos El : info@polsri.ac.id

LEMBAR PENGESAHAN JUDUL TUGAS AKHIR

Nama : Viyandra Vanya Audrey Riswanda
NIM : 061940832693
Kelas : 8 MID
Jurusan/Program Studi : Manajemen Informatika/DIV Manajemen Informatika
Judul Tugas Akhir : Penerapan Metode *Multi-Objective Optimization by Ratio Analysis (MOORA)* dalam Sistem Pendukung Keputusan Penerima Pinjaman Koperasi Berbasis *Website* pada KPRI Sylva Lestari Lingkup UPT KLHK dan Dinas Kehutanan Sumatera Selatan

Palembang, 14 April 2023

Tim Pembimbing :

Pembimbing I,

Dr. Indri Ariyanti, SE., MSi.
NIP. 197306032008012008

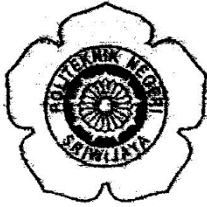
Pembimbing II,

Andre Mariza Putra, S.Kom., M.Kom
NIP. 198803082019031011

Mengetahui,
a.n Ketua Jurusan
Ketua Program Studi

Rika Sadariawati, SE., M.Si.
NIP. 197302232002122001





5281 17/5

KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
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Jalan Sriwijaya Negara Bukit Besar - Palembang 30139 Telepon (0711) 353414
Laman : <http://polsri.ac.id>, Pos El : info@polsri.ac.id

Palembang, 12 Mei 2023

Hal : Permohonan Surat Pengantar Pengambilan Data

Yth. Wakil Direktur I
Politeknik Negeri Sriwijaya
di
Tempat

Dengan Hormat,

Sehubungan dengan adanya penulisan Tugas Akhir yang merupakan salah satu mata kuliah Semester VIII dan sebagai syarat untuk menyelesaikan pendidikan Diploma IV Jurusan Manajemen Informatika Politeknik Negeri Sriwijaya, untuk itu saya mohon kepada Bapak agar dibuatkan surat pengantar yang ditunjukkan kepada :

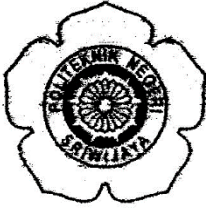
Yth. Ketua Pengurus KPRI Sylva Lestari
Jl. Kol. H. Burlian KM.6,5, Puntikayu, Kec. Sukarami,
Kota Palembang, Sumatera Selatan 30961

Untuk pengambilan data di KPRI Sylva Lestari dalam pembuatan aplikasi yang berjudul "**Penerapan Metode *Multi-Objective Optimization by Ratio Analysis* (MOORA) dalam Sistem Pendukung Keputusan Penerima Pinjaman Koperasi Berbasis *Website* pada KPRI Sylva Lestari Lingkup UPT KLHK dan Dinas Kehutanan Sumatera Selatan**".

Saya mahasiswa yang akan melakukan pengambilan data adalah :

No	NAMA	NIM	KELAS	JURUSAN
1.	Viyandra Vanya Audrey R	061940832693	8 MID	Manajemen Informatika





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Demikian surat permohonan ini saya buat, atas bantuan dan kerja sama Bapak saya ucapkan terima kasih.

Mengetahui,
Ketua Jurusan
Manajemen Informatika

Dr. Indri Ariyanti, SE., MSi
NIP. 197306012008012008

Hormat Saya,
Mahasiswa

Viyandra Vanya Audrey R
NIM. 061940832693



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Laman : <http://polsri.ac.id>, Pos El : info@polsri.ac.id

Nomor : 5181/PL6.3.1/SP/2023
Perihal : Izin Pengambilan Data

17 Mei 2023

Yth. Ketua
Pengurus KPRI Sylva Lestari
Jalan Kolonel H. Burlian Km.6,5
Punti Kayu Kecamatan Sukarami
Palembang 30961

Dengan hormat,


Sesuai dengan kurikulum Program Sarjana Terapan (D-IV) Manajemen Informatika Jurusan Manajemen Informatika pada Politeknik Negeri Sriwijaya tahun akademik 2022/2023, bahwa Tugas Akhir merupakan mata kuliah wajib pada semester 8 (delapan). Untuk itu mahasiswa kami memerlukan data untuk penyusunan Tugas Akhir tersebut.

Sehubungan dengan hal tersebut di atas, kami mohon Bapak/Ibu dapat memberikan izin dan membantu mahasiswa kami ini untuk pengambilan data.

Mahasiswa kami yang akan melaksanakan pengambilan data tersebut adalah :

No	Nama	NPM	Kelas	Jurusan/ Program Studi
1	Viyandra Vanya Audrey R.	0619 4083 2693	8 MI.D	Manajemen Informatika

Atas perhatian dan bantuannya diucapkan terima kasih.

a.n. Direktur
Wakil Direktur I,

-Carlos RS, S.T., M.T.
NIP 196403011989031003

Tembusan:

1. Ketua Jurusan Manajemen Informatika
2. Yang bersangkutan

Ms. Word/E/AD/Dw





KOPERASI PEGAWAI REPUBLIK INDONESIA

SYLVA LESTARI

Jalan Kolonel H. Barlian Km. 6,5 Punt Kayu Kompleks Perkantoran Kehutanan Palembang

Nomor : 014/KPRI.SL/V/2023
Lampiran : -
Sifat : Biasa
Hal : Pengambilan Data

29 Mei 2023


Yang Terhormat.
Direktur Politeknik Negeri Sriwijaya
Jln. Sriwijaya Negara Bukit Besar
Palembang


Menanggapi surat dari Politeknik Negeri Sriwijaya nomor 5181/PL6.3.1/SP/2023 tanggal 17 Mei 2023 perihal Izin Pengambilan Data, dengan ini kami sampaikan pada prinsipnya KPRI Sylva Lestari dapat mengizinkan Mahasiswa Saudara:

Nama : Viyandra Vanya Audrey Riswanda
NIM : 061940832693
Jurusan : Manajemen Informatika

untuk melakukan kegiatan pengambilan data dimaksud mulai tanggal 29 Mei s.d 28 Juni 2023 setiap hari kerja (Senin s.d Jumat) pukul 07.30 s.d 16.00 di KPRI Sylva Lestari.

Demikian kami sampaikan. Atas perhatiannya kami ucapkan terima kasih.

Ketua Pengurus,

Dra. Nurhidayati, M.M.





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LEMBAR BIMBINGAN TUGAS AKHIR

Lembar : 1

Nama : Viyandra Vanya Audrey R
NIM : 061940832693
Jurusan / Program Studi : Manajemen Informatika / DIV Manajemen Informatika
Judul : Penerapan Metode Multi-Objective Optimization by Ratio Analysis (MOORA) dalam Sistem Pendukung Keputusan Penerima Pinjaman Koperasi Berbasis Website pada KPRI Sylva Lestari Lingkup UPT KLHK dan Dinas Kehutanan Sumatera Selatan
Pembimbing : Dr. Indri Ariyanti, SE., M.Si.

No.	Tanggal	Uraian Bimbingan	Tanda Tangan Pembimbing
1.	14 April 2023	Pengajuan Judul	
2.	14 April 2023	Acc Judul	
3.	12 Mei 2023	Pengajuan Bab I dan II	
4.	6 Juni 2023	Revisi Bab I	
5.	6 Juni 2023	Acc Bab I	
6.	6 Juni 2023	Pengajuan Judul	
7.	6 Juni 2023	Revisi Judul	



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Laman : <http://polsri.ac.id>, Pos El : info@polsri.ac.id

Lembar : 2

8.	18 Juli 2023	Revisi Bab <u>II</u>	2
9.	20 Juli 2023	ACC BAB <u>II</u>	2
10.	20 Juli 2023	Pengajuan Bab <u>III</u>	2
11.	20 Juli 2023	Revisi BAB <u>III</u>	2
12.	20 Juli 2023	ACC BAB <u>III</u>	2
13.	7 Agustus 2023	Pengajuan Bab <u>IV</u> dan <u>V</u>	2
14.	8 Agustus 2023	Revisi BAB <u>IV</u> & <u>V</u>	2
15.	8 Agustus 2023	ACC BAB <u>IV</u>	2
16.	8 Agustus 2023	ACC BAB <u>V</u>	2
17.			

Palembang, 8 Agustus 2023

a.n Ketua Jurusan Manajemen Informatika

Rika Sadariawati, SE.,M.Si.

NIP 197302232002122001





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LEMBAR BIMBINGAN TUGAS AKHIR

Lembar : 1

Nama : Viyandra Vanya Audrey R
NIM : 061940832693
Jurusan / Program Studi : Manajemen Informatika / DIV Manajemen Informatika
Judul : Penerapan Metode Multi-Objective Optimization by Ratio Analysis (MOORA) dalam Sistem Pendukung Keputusan Penerima Pinjaman Koperasi Berbasis Website pada KPRI Sylva Lestari Lingkup UPT KLHK dan Dinas Kehutanan Sumatera Selatan
Pembimbing : Andre Mariza Putra, S.Kom.,M.Kom

No.	Tanggal	Uraian Bimbingan	Tanda Tangan Pembimbing
1.	13 April 2023	Pengajuan Judul	
2.	13 April 2023	ACC Judul	
3.	11 May 2023	Pengajuan Bab I dan II	
4.	17 Mei 2023	Revisi Bab I	
5.	23 Mei 2023	Revisi Bab I, Lanjut Bab II	
6.	29 Mei 2023	Revisi Bab I dan Bab II	
7.	4 Juli 2023	ACC Bab I dan Bab II, Lanjut Bab III	



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Laman : <http://polsri.ac.id>, Pos El : info@polsri.ac.id

Lembar : 2

8.	17 Juli 2023	Pengajuan Bab <u>III</u> , Revisi	AP
9.	18 Juli 2023	Revisi Bab <u>III</u> , lanjut Bab <u>IV</u>	AP
10.	3 Agustus 2023	Acc Bab <u>IV</u> , Revisi Bab <u>IV</u>	AP
11.	7 Agustus 2023	Revisi Bab <u>IV</u> , Lanjut Bab <u>V</u>	AP
12.	8 Agustus 2023	Acc Bab <u>IV</u> dan Bab <u>V</u>	AP
13.			
14.			
15.			
16.			
17.			

Palembang, 8 Agustus 2023

Ketua Jurusan Manajemen Informatika

Dr. Indri Ariyanti, SE., M.Si.

NIP 197306032008012008





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Laman : <http://polsri.ac.id>, Pos El : info@polsri.ac.id

REKOMENDASI UJIAN LAPORAN TUGAS AKHIR (TA)


Pembimbing Laporan Tugas Akhir memberikan rekomendasi kepada,

Nama : Viyandra Vanya Audrey Riswanda
NPM : 061940832693
Jurusan/Program Studi : Manajemen Informatika/DIV Manajemen Informatika
Judul Laporan Tugas Akhir : Penerapan Metode *Multi-Objective Optimization by Ratio Analysis* (MOORA) dalam Sistem Pendukung Keputusan Penerima Pinjaman Koperasi Berbasis *Website* pada KPRI Sylva Lestari Lingkup UPT KLHK dan Dinas Kehutanan Sumatera Selatan


Mahasiswa tersebut telah memenuhi persyaratan dan dapat mengikuti Ujian Laporan Tugas Akhir (TA) pada Tahun Akademik 2022/2023.

Palembang, 8 Agustus 2023

Pembimbing I,


Dr. Indri Ariyanti, SE., MSi.
NIP. 197306032008012008

Pembimbing II,


Andre Mariza Putra, S.Kom., M.Kom
NIP. 198803082019031011

Mengetahui,
a.n Ketua Jurusan Manajemen Informatika


Rika Sadariawati, SE., M.Si.
NIP. 197302232002122001



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Jalan Srijaya Negara Bukit Besar - Palembang 30139 Telepon (0711) 353414
Laman : <http://polsri.ac.id>, Pos El : info@polsri.ac.id

REVISI UJIAN TUGAS AKHIR (TA)

Ruang : 2
 Dosen Penguji : Mevi Kurnandar
 Nama Mahasiswa : Viyandra Vanya Audrey Riswanda
 NIM : 061940832693
 Jurusan/Program Studi : Manajemen Informatika/D-IV Manajemen Informatika
 Judul Tugas Akhir : Penerapan Metode *Multi-Objective Optimization by Ratio Analysis* (MOORA) dalam Sistem Pendukung Keputusan Penerima Pinjaman Koperasi Berbasis *Website* pada KPRI Sylva Lestari Lingkup UPT KLHK dan Dinas Kehutanan Sumatera Selatan

No	Uraian Revisi	Paraf
	<p>Revisi: sesuai catatan dan pengujian lain (Kv Helthy)</p>	

Palembang, 16 Agustus 2023
 Dosen Renguji,

(Mevi Kurnandar)





KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
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POLITEKNIK NEGERI SRIWIJAYA

Jalan Sriwijaya Negara Bukit Besar - Palembang 30139 Telepon (0711) 353414
Laman : <http://polsri.ac.id>, Pos El : info@polsri.ac.id

REVISI UJIAN TUGAS AKHIR (TA)

Ruang : 2
Dosen Penguji : Nita Nonta
Nama Mahasiswa : Viyandra Vanya Audrey Riswanda
NIM : 061940832693
Jurusan/Program Studi : Manajemen Informatika/D-IV Manajemen Informatika
Judul Tugas Akhir : Penerapan Metode *Multi-Objective Optimization by Ratio Analysis* (MOORA) dalam Sistem Pendukung Keputusan Penerima Pinjaman Koperasi Berbasis *Website* pada KPRI Sylva Lestari Lingkup UPT KLHK dan Dinas Kehutanan Sumatera Selatan

No	Uraian Revisi	Paraf
1.	Perbaikan rumus yang kurang lengkap penambahan data 2 yg telah	
2.	Perbaikan tipe data	
3.	Tujuan dan Manfaat	

Palembang, 16 Agustus 2023
Dosen Penguji,

(NITA NONTA)





KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI

POLITEKNIK NEGERI SRIWIJAYA

Jalan Srijaya Negara Bukit Besar - Palembang 30139 Telepon (0711) 353414
Laman : <http://polsri.ac.id>, Pos El : info@polsri.ac.id

REVISI UJIAN TUGAS AKHIR (TA)

Ruang : 2
Dosen Penguji : Hetti Melleni
Nama Mahasiswa : Viyandra Vanya Audrey Riswanda
NIM : 061940832693
Jurusan/Program Studi : Manajemen Informatika/D-IV Manajemen Informatika
Judul Tugas Akhir : Penerapan Metode *Multi-Objective Optimization by Ratio Analysis* (MOORA) dalam Sistem Pendukung Keputusan Penerima Pinjaman Koperasi Berbasis *Website* pada KPRI Sylva Lestari Lingkup UPT KLHK dan Dinas Kehutanan Sumatera Selatan

No	Uraian Revisi	Paraf
1.	Tambahkan jumlah pinjaman pemohon.	
2.	Tugan & Manfaat Sinfonka	
3.	perbaiki program.	
4.	Definisi pustaka.	

Palembang, 15 Agustus 2023
Dosen Penguji,

(Hetti Melleni)





KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI

POLITEKNIK NEGERI SRIWIJAYA

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LEMBAR PELAKSANAAN REVISI TUGAS AKHIR

Mahasiswa berikut,

Nama : Viyandra Vanya Audrey Riswanda
 NPM : 061940832693
 Jurusan/Program Studi : Manajemen Informatika/D-IV Manajemen Informatika
 Judul Laporan Akhir : Penerapan Metode *Multi-Objective Optimization by Ratio Analysis* (MOORA) dalam Sistem Pendukung Keputusan Penerima Pinjaman Koperasi Berbasis *Website* pada KPRI Sylva Lestari Lingkup UPT KLHK dan Dinas Kehutanan Sumatera Selatan

Telah melaksanakan revisi terhadap Tugas Akhir yang diujikan pada hari Rabu tanggal 16 bulan Agustus tahun 2023 Pelaksanaan revisi terhadap Laporan Akhir tersebut telah disetujui oleh Dosen Penguji yang memberikan revisi :

No.	Komentar	Nama Dosen Penguji *)	Tanggal	Tanda Tangan
1.	<ul style="list-style-type: none"> Tambahkan Jumlah Pinjaman Pemohon Tujuan dan Manfaat Sinkronkan Perbaiki Program Daftar Pustaka 	Meivi Kusnandar, S.Kom., M.Kom	30/8/23	
2.	<ul style="list-style-type: none"> Perbaiki kata-kata yang tidak lengkap Sesuaikan size dengan tipe data Tujuan dan Manfaat Sinkronkan 	Nita Novita, S.E., M.M.	24/8/2023	
3.	<ul style="list-style-type: none"> Tambahkan Jumlah Pinjaman Pemohon Tujuan dan Manfaat Sinkronkan Perbaiki Program Daftar Pustaka 	Hetty Meileni, S.Kom., M.T.	24/8-2023	

Palembang, 30 Agustus 2023

Ketua Penguji **),

Meivi Kusnandar, S.Kom., M.Kom
 NIP 197407052002121014

Catatan:

- *) 1. Dosen penguji yang memberikan revisi saat ujian Tugas akhir;
 **) 2. Dosen penguji yang ditugaskan sebagai Ketua Penguji saat ujian TA;
 3. Lembaran pelaksanaan revisi ini harus dilampirkan dalam Laporan Tugas Akhir;

Controller Login

```
<?php

defined('BASEPATH') OR exit('No direct script
access allowed');

class Login extends CI_Controller {
    public function __construct()
    {
        parent::__construct();
        $this->load->library('session');
        $this->load->model('Login_model');
        $this->load->model('User_model');
    }
    public function index()
    {
        if($this->Login_model->logged_id())
            {
                redirect('Login/home');
            }else{
                $this->load->view('login');
            }
    }

    public function login()
    {
        $username = $this->input->post('username');
        $password = $this->input->post('password');
        $passwordx = md5($password);
        $set = $this->Login_model->login($username,
$passwordx);
        if($set)
        {
            $log = [
                'id_user' => $set->id_user,
                'username' => $set->username,
                'id_user_level' => $set->id_user_level,
                'status' => 'Logged'
            ];
            $this->session->set_userdata($log);
            redirect('Login/home');
        }
        else
        {
            $this->session->set_flashdata('message',
'Username atau Password Salah');
            redirect('login');
        }
    }

    public function logout()
    {
        $this->session->sess_destroy();
        redirect('login');
    }
}
```

```
    public function home()
    {
        $data['page'] = "Dashboard";
        $this->load->view('admin/index',
$data);
    }
}

/* End of file Login.php */
?>
```

Model Login

```
<?php

defined('BASEPATH') OR exit('No direct script
access allowed');

class Login_model extends CI_Model {

    function logged_id()
    {
        return $this->session-
>userdata('id_user');
    }

    public function login($username, $passwordx)
    {
        $this->db->select('*');
        $this->db->from('user');
        $this->db->where('username', $username);
        $this->db->where('password', $passwordx);
        return $this->db->get()->row();
    }
}
```

View Login

```
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="utf-8" />
        <meta http-equiv="X-UA-Compatible"
content="IE=edge" />
        <meta name="viewport"
content="width=device-width, initial-scale=1,
shrink-to-fit=no" />
        <meta name="description" content="" />
        <meta name="author" content="" />

        <title>SPK KPRI Sylva Lestari</title>

        <!-- Custom fonts for this template-->
        <link href="<?=
base_url('assets/')?>vendor/fontawesome-
free/css/all.min.css" rel="stylesheet"
type="text/css" />
```

```

<link
href="https://fonts.googleapis.com/css?family=Nunito:200,200i,300,300i,400,400i,600,600i,700,700i,800,800i,900,900i" rel="stylesheet" />

<!-- Custom styles for this template-->
<link href="<?= base_url('assets/')?>css/sb-admin-2.min.css" rel="stylesheet" />
<link rel="shortcut icon"
href="<?= base_url('assets/')?>img/favicon.ico"
type="image/x-icon">
<link rel="icon" href="<?=
base_url('assets/')?>img/favicon.ico"
type="image/x-icon">

<style>
.card-body h4 {
font-size: 40px; /* Ubah nilai 24px sesuai
kebutuhan */
}
</style>

</head>

<body class="bg-gradient-info">
<nav class="navbar navbar-expand-lg navbar-dark bg-white shadow-lg pb-3 pt-3 font-weight-bold">
<div class="container">
<a class="navbar-brand text-info"
style="font-weight: 900;" href="<?=
base_url("")?>">
 Koperasi
Pegawai Republik Indonesia Sylva Lestari</a>
</div>
</nav>

<div class="container">
<!-- Outer Row -->
<div class="row d-plex justify-content-between mt-5">
<div class="col-
xl-6 col-lg-6 col-md-6 mt-5">
<div class="card bg-none o-hidden border-0 my-5 text-white" style="background: none;">
<div class="text-center card-body p-0">
<h4 style="font-weight: 1000;">Sistem Pendukung Keputusan Penerima Pinjaman Koperasi pada KPRI Sylva Lestari</h4>
</div>
</div>
</div>

```

```

<div class="col-xl-5 col-lg-5 col-md-5 mt-0">
<div class="card o-hidden border-0 shadow-lg my-5">
<div class="card-body p-0">
<!-- Nested Row within Card Body -
->
<div class="row">
<div class="col-lg-12">
<div class="p-5">
<div class="text-center">
<h1 class="h4 text-gray-900 mb-4">Login</h1>
</div>

<?php
$error=$this->session->flashdata('message');

if($error) {?>

<div
class="alert alert-danger alert-dismissible">

<button type="button" class="close"
data-dismiss="alert" aria-hidden="true"><</button>

<?php
echo $error; ?>

</div>

<?php
}?>

<form class="user"
action="<?php echo site_url('Login/login'); ?>"
method="post">
<div class="form-group">
<input required
autocomplete="off" type="text" class="form-control form-control-user" id="exampleInputUser" placeholder="Username" name="username" />
</div>
<div class="form-group">
<input required
autocomplete="off" type="password" class="form-control form-control-user" id="exampleInputPassword" name="password" placeholder="Password" />
</div>
<button name="submit"
type="submit" class="btn btn-info btn-user btn-block"><i class="fas fa-fw fa-sign-in-alt mr-1"></i>
Masuk</button>

```



```

        $this->form_validation-
>set_rules('keterangan', 'Keterangan', 'required');
        $this->form_validation-
>set_rules('kode_kriteria', 'Kode Kriteria',
'required');
        $this->form_validation-
>set_rules('bobot', 'Bobot', 'required');
        $this->form_validation->set_rules('jenis',
'Jenis', 'required');

        if ($this->form_validation->run() != false) {
            $result = $this->Kriteria_model-
>insert($data);
            if ($result) {
                $this->session-
>set_flashdata('message', '<div class="alert alert-
success" role="alert">Data berhasil
disimpan!</div>');

                redirect('Kriteria');
            }
            } else {
                $this->session-
>set_flashdata('message', '<div class="alert alert-
danger" role="alert">Data gagal disimpan!</div>');
                redirect('Kriteria/create');
            }
        }

        public function edit($id_kriteria)
        {
            $data['page'] = "Kriteria";
            $data['kriteria'] = $this-
>Kriteria_model->show($id_kriteria);
            $this->load->view('kriteria/edit', $data);
        }

        public function update($id_kriteria)
        {
            // TODO: implementasi update data
            berdasarkan $id_kriteria
            $id_kriteria = $this->input-
>post('id_kriteria');
            $data = array(
                'keterangan' => $this->input-
>post('keterangan'),
                'kode_kriteria' => $this->input-
>post('kode_kriteria'),
                'bobot' => $this->input->post('bobot'),
                'jenis' => $this->input->post('jenis')
            );

```

```

        $this->Kriteria_model->update($id_kriteria,
$data);
        $this->session->set_flashdata('message',
'<div class="alert alert-success" role="alert">Data
berhasil diupdate!</div>');
                redirect('kriteria');
            }
        }

        public function destroy($id_kriteria)
        {
            $this->Kriteria_model->delete($id_kriteria);
            $this->session->set_flashdata('message',
'<div class="alert alert-success" role="alert">Data
berhasil dihapus!</div>');
                redirect('kriteria');
            }
        }
    }
}

```

Model Kriteria

<?php

defined('BASEPATH') OR exit('No direct script access allowed');

class Kriteria_model extends CI_Model {

public function tampil()

```

{
    $query = $this->db->get('kriteria');
    return $query->result();
}

```

public function getTotal()

```

{
    return $this->db->count_all('kriteria');
}

```

public function insert(\$data = [])

```

{
    $result = $this->db->insert('kriteria', $data);
    return $result;
}

```

public function show(\$id_kriteria)

```

{
    $this->db->where('id_kriteria', $id_kriteria);
    $query = $this->db->get('kriteria');
    return $query->row();
}

```

public function update(\$id_kriteria, \$data = [])

```

{
    $ubah = array(
        'keterangan' => $data['keterangan'],
        'kode_kriteria' => $data['kode_kriteria'],
        'bobot' => $data['bobot'],

```



```

        'jenis' => $data['jenis']
    );
    $this->db->where('id_kriteria', $id_kriteria);
    $this->db->update('kriteria', $ubah);
}

public function delete($id_kriteria)
{
    $this->db->where('id_kriteria', $id_kriteria);
    $this->db->delete('kriteria');
}
}

View Kriteria
<?php $this->load->view('layouts/header_admin');
?>

<div class="d-sm-flex align-items-center justify-
content-between mb-4">
    <h1 class="h3 mb-0 text-gray-800"><i class="fas
fa-fw fa-cube"></i> Data Kriteria</h1>

    <a href="<?= base_url('Kriteria/create'); ?>"
class="btn btn-success"> <i class="fa fa-plus"></i>
Tambah Data </a>
</div>

<?= $this->session->flashdata('message'); ?>

<div class="card shadow mb-4">
    <!-- /.card-header -->
    <div class="card-header py-3">
        <h6 class="m-0 font-weight-bold text-info"><i
class="fa fa-table"></i> Daftar Data Kriteria</h6>
    </div>

    <div class="card-body">
        <div class="table-responsive">
            <table class="table
table-bordered" id="dataTable" width="100%"
cellspacing="0">
                <thead
class="bg-info text-white">
                    <tr
align="center">
                        <th width="5%">No</th>
                        <th>Kode Kriteria</th>
                        <th>Nama Kriteria</th>
                        <th>Bobot</th>
                        <th>Jenis</th>
                    </tr>
                </thead>
                <tbody>
                    <tr>
                        <td align="center">
                            <?php echo $no ?></td>
                        <td align="center">
                            <?php echo $value->kode_kriteria
?></td>
                        <td align="center">
                            <?php echo $value->keterangan
?></td>
                        <td align="center">
                            <?php echo $value->bobot ?></td>
                        <td align="center">
                            <?php echo $value->jenis ?></td>
                    </tr>
                </tbody>
            </table>
        </div>
    </div>
</div>

        <div class="btn-group"
role="group">
            <a data-toggle="tooltip"
data-placement="bottom" title="Edit Data"
href="<?=base_url('Kriteria/edit/'. $value-
>id_kriteria)?>" class="btn btn-warning btn-sm"><i
class="fa fa-edit"></i></a>

            <a data-toggle="tooltip"
data-placement="bottom" title="Hapus Data"
href="<?=base_url('Kriteria/destroy/'. $value-
>id_kriteria)?>" onclick="return confirm ('Apakah
anda yakin untuk meghapus data ini')" class="btn
btn-danger btn-sm"><i class="fa fa-
trash"></i></a>
        </div>
    </tr>
</tbody>
</table>
</div>

```

```

        </div>
    </div>
</div>

<?php $this->load->view('layouts/footer_admin');
?>

View Tambah Kriteria
<?php $this->load->view('layouts/header_admin');
?>

<div class="d-sm-flex align-items-center justify-
content-between mb-4">
    <h1 class="h3 mb-0 text-gray-800"><i class="fas
fa-fw fa-cube"></i> Data Kriteria</h1>

        <a href="<?= base_url('Kriteria'); ?>"
class="btn btn-secondary btn-icon-split"><span
class="icon text-white-50"><i class="fas fa-arrow-
left"></i></span>
            <span
class="text">Kembali</span>
        </a>
</div>

<?= $this->session->flashdata('message'); ?>

<div class="card shadow mb-4">
    <div class="card-header py-3">
        <h6 class="m-0 font-weight-bold text-info"><i
class="fas fa-fw fa-plus"></i> Tambah Data
Kriteria</h6>
    </div>

        <?php echo form_open('Kriteria/store');
?>
            <div class="card-body">
                <div class="row">
                    <div
class="form-group col-md-6">
                        <label
class="font-weight-bold">Kode Kriteria</label>
                        <input
autocomplete="off" type="text"
name="kode_kriteria" required class="form-
control"/>
                    </div>

                    <div
class="form-group col-md-6">
                        <label
class="font-weight-bold">Nama Kriteria</label>
                        <input
autocomplete="off" type="text"
name="keterangan" required class="form-
control"/>

```

```

        </div>
    </div>
</div>

<div
class="form-group col-md-6">
        <label
class="font-weight-bold">Bobot Kriteria</label>
        <input
autocomplete="off" type="number"
name="bobot" step="0.01" required class="form-
control"/>
    </div>

<div
class="form-group col-md-6">
        <label
class="font-weight-bold">Jenis Kriteria</label>
        <select name="jenis" class="form-
control" required>
            <option value="">--Pilih Jenis Kriteria--
        </option>
            <option
value="Benefit">Benefit</option>
            <option value="Cost">Cost</option>
        </select>
    </div>

</div>
</div>
<div class="card-footer text-
right">
    <button type="submit" class="btn btn-
success"><i class="fa fa-save"></i>
Simpan</button>
    <button type="reset" class="btn btn-
info"><i class="fa fa-sync-alt"></i> Reset</button>
</div>
    <?php echo form_close() ?>
</div>

<?php $this->load->view('layouts/footer_admin');
?>

View Edit Kriteria
<?php $this->load->view('layouts/header_admin');
?>

<div class="d-sm-flex align-items-center justify-
content-between mb-4">
    <h1 class="h3 mb-0 text-gray-800"><i class="fas
fa-fw fa-cube"></i> Data Kriteria</h1>

```

```

        <a href="<?= base_url('Kriteria'); ?>"
class="btn btn-secondary btn-icon-split"><span
class="icon text-white-50"><i class="fas fa-arrow-
left"></i></span>
        <span
class="text">Kembali</span>
    </a>
</div>

<div class="card shadow mb-4">
    <div class="card-header py-3">
        <h6 class="m-0 font-weight-bold text-info"><i
class="fas fa-fw fa-edit"></i> Edit Data
Kriteria</h6>
    </div>

    <?php echo
form_open('Kriteria/update/'. $kriteria-
>id_kriteria); ?>
        <div class="card-body">
            <div class="row">
                <?php echo
form_hidden('id_kriteria', $kriteria->id_kriteria) ?>
                <div
class="form-group col-md-6">
                    <label
class="font-weight-bold">Kode Kriteria</label>
                    <input
autocomplete="off" type="text"
name="kode_kriteria" value="<?php echo
$kriteria->kode_kriteria ?>" required class="form-
control"/>
                </div>

                <div
class="form-group col-md-6">
                    <label
class="font-weight-bold">Nama Kriteria</label>
                    <input
autocomplete="off" type="text"
name="keterangan" value="<?php echo $kriteria-
>keterangan ?>" required class="form-control"/>
                </div>

                <div
class="form-group col-md-6">
                    <label
class="font-weight-bold">Bobot Kriteria</label>
                    <input
autocomplete="off" type="number"
name="bobot" step="0.01" value="<?php echo
$kriteria->bobot ?>" required class="form-
control"/>
                </div>

                <div
class="form-group col-md-6">

```

```

        <label
class="font-weight-bold">Jenis Kriteria</label>

        <select name="jenis" class="form-
control" required>

            <option value="Benefit" <?php
if($kriteria->jenis == "Benefit"){ echo 'selected'; }
?>>Benefit</option>

            <option value="Cost" <?php if($kriteria-
>jenis == "Cost"){ echo 'selected'; }
?>>Cost</option>

        </select>
    </div>
</div>
</div>
<div class="card-footer text-
right">
    <button type="submit" class="btn btn-
success"><i class="fa fa-save"></i>
Simpan</button>
    <button type="reset" class="btn btn-
info"><i class="fa fa-sync-alt"></i> Reset</button>
</div>
    <?php echo form_close() ?>
</div>

<?php $this->load->view('layouts/footer_admin');
?>

Controller Sub Kriteria
<?php

    defined('BASEPATH') OR exit('No direct script
access allowed');

    class Sub_kriteria extends CI_Controller {

        public function __construct()
        {
            parent::__construct();
            $this->load->library('pagination');
            $this->load->library('form_validation');
            $this->load->model('Sub_Kriteria_model');

            if ($this->session->userdata('id_user_level')
!= "1") {
                ?>
            }
        }

        <script
type="text/javascript">
            alert('Anda tidak berhak mengakses
halaman ini!');
            window.location='<?php echo
base_url("Login/home"); ?>'

```

```

        </script>
        <?php
            }
        }
    }

    public function index()
    {
        $data = [
            'page' => "Sub
Kriteria",
            'list' => $this->Sub_Kriteria_model-
>tampil(),
            'kriteria' => $this->Sub_Kriteria_model-
>get_kriteria(),
            'count_kriteria' => $this-
>Sub_Kriteria_model->count_kriteria(),
            'sub_kriteria' => $this-
>Sub_Kriteria_model->tampil()
        ];
        $this->load->view('sub_kriteria/index',
        $data);
    }

    //menambahkan data ke database
    public function store()
    {
        $data = [
            'id_kriteria' => $this->input-
>post('id_kriteria'),
            'deskripsi' => $this->input-
>post('deskripsi'),
            'nilai' => $this->input->post('nilai')
        ];

        $this->form_validation-
>set_rules('id_kriteria', 'ID Kriteria', 'required');
        $this->form_validation-
>set_rules('deskripsi', 'Deskripsi', 'required');
        $this->form_validation->set_rules('nilai',
        'Nilai', 'required');

        if ($this->form_validation->run() != false) {
            $result = $this->Sub_Kriteria_model-
>insert($data);
            if ($result) {
                $this->session-
>set_flashdata('message', '<div class="alert alert-
success" role="alert">Data berhasil
disimpan!</div>');

                redirect('sub_kriteria');
            }
        } else {
            $this->session-
>set_flashdata('message', '<div class="alert alert-
danger" role="alert">Data gagal disimpan!</div>');

```

```

        redirect('sub_kriteria/create');
    }

    public function update($id_sub_kriteria)
    {
        // TODO: implementasi update data
        berdasarkan $id_sub_kriteria
        $id_sub_kriteria = $this->input-
>post('id_sub_kriteria');
        $data = array(
            'id_kriteria' => $this->input-
>post('id_kriteria'),
            'deskripsi' => $this->input-
>post('deskripsi'),
            'nilai' => $this->input->post('nilai')
        );

        $this->Sub_Kriteria_model-
>update($id_sub_kriteria, $data);
        $this->session->set_flashdata('message',
        '<div class="alert alert-success" role="alert">Data
berhasil diupdate!</div>');
        redirect('sub_kriteria');
    }

    public function destroy($id_sub_kriteria)
    {
        $this->Sub_Kriteria_model-
>delete($id_sub_kriteria);
        $this->session->set_flashdata('message',
        '<div class="alert alert-success" role="alert">Data
berhasil dihapus!</div>');
        redirect('sub_kriteria');
    }
}

```

Model Sub Kriteria

```

<?php

defined('BASEPATH') OR exit('No direct script
access allowed');

class Sub_Kriteria_model extends CI_Model {

    public function tampil()
    {
        $query = $this->db->get('sub_kriteria');
        return $query->result();
    }

    public function getTotal()
    {

```

```

        return $this->db->count_all('sub_kriteria');
    }

    public function insert($data = [])
    {
        $result = $this->db->insert('sub_kriteria',
        $data);
        return $result;
    }

    public function show($id_sub_kriteria)
    {
        $this->db->where('id_sub_kriteria',
        $id_sub_kriteria);
        $query = $this->db->get('sub_kriteria');
        return $query->row();
    }

    public function update($id_sub_kriteria, $data
    = [])
    {
        $ubah = array(
            'id_kriteria' => $data['id_kriteria'],
            'deskripsi' => $data['deskripsi'],
            'nilai' => $data['nilai']
        );

        $this->db->where('id_sub_kriteria',
        $id_sub_kriteria);
        $this->db->update('sub_kriteria', $ubah);
    }

    public function delete($id_sub_kriteria)
    {
        $this->db->where('id_sub_kriteria',
        $id_sub_kriteria);
        $this->db->delete('sub_kriteria');
    }

    public function get_kriteria()
    {
        $query = $this->db->get('kriteria');
        return $query->result();
    }

    public function count_kriteria(){
        $query = $this->db->query("SELECT
        id_kriteria,COUNT(deskripsi) AS jml_setoran FROM
        sub_kriteria GROUP BY id_kriteria")->result();
        return $query;
    }

    public function data_sub_kriteria($id_kriteria)
    {
        $query = $this->db->query("SELECT * FROM sub_kriteria WHERE
        id_kriteria='$id_kriteria' ORDER BY nilai DESC;");
    }

```

```

        return $query->result_array();
    }

    /* End of file Kategori_model.php */

```

View Sub Kriteria

```

<?php $this->load->view('layouts/header_admin');
?>

```

```

<div class="d-sm-flex align-items-center justify-
content-between mb-4">
    <h1 class="h3 mb-0 text-gray-800"><i class="fas
fa-fw fa-cubes"></i> Data Sub Kriteria</h1>
</div>

```

```

<?= $this->session->flashdata('message'); ?>

```

```

<?php if ($kriteria==NULL): ?>
<div class="card shadow mb-4">
    <!-- /.card-header -->
    <div class="card-header py-3">
        <h6 class="m-0 font-weight-bold text-
success"><i class="fa fa-table"></i> Daftar Data
Sub Kriteria</h6>
    </div>

```

```

        <div class="card-body">
            <div class="alert alert-info">
                Data masih kosong.
            </div>
        </div>
</div>
<?php endif ?>

```

```

<?php foreach ($kriteria as $key): ?>
<div class="card shadow mb-4">
    <!-- /.card-header -->
    <div class="card-header py-3">
        <div class="d-sm-flex align-items-center
justify-content-between">
            <h6 class="m-0 font-
weight-bold text-info"><i class="fa fa-table"></i>
<?= $key->keterangan." (".$key->kode_kriteria.")"
?></h6>

```

```

                <a href="#tambah<?=
$key->id_kriteria ?>" data-toggle="modal"
class="btn btn-sm btn-success"> <i class="fa fa-
plus"></i> Tambah Data </a>
            </div>
        </div>

```

```

</div>

        <div class="modal fade" id="tambah<?=
$key->id_kriteria ?>" tabindex="-1" role="dialog"

```

```

aria-labelledby="myModalLabel" aria-
hidden="true">
    <div class="modal-dialog">
        <div class="modal-
content">
            <div
class="modal-header">
                <h5
class="modal-title" id="myModalLabel"><i
class="fa fa-plus"></i> Tambah <?= $key-
>keterangan ?></h5>
                <button type="button" class="close"
data-dismiss="modal" aria-
hidden="true">&times;</button>
            </div>
            <?=
form_open('Sub_kriteria/store') ?>
            <div
class="modal-body">
                <input type="text" name="id_kriteria"
value="<?= $key->id_kriteria ?>" hidden>
                <div class="form-group">
                    <label for="deskripsi"
class="font-weight-bold">Nama Sub
Kriteria</label>
                    <input autocomplete="off"
type="text" id="deskripsi" class="form-control"
name="deskripsi" required>
                </div>
                <div class="form-group">
                    <label for="nilai" class="font-
weight-bold">Nilai</label>
                    <input autocomplete="off"
type="text" id="nilai" name="nilai" class="form-
control" required>
                </div>
            </div>
            <div
class="modal-footer">
                <button type="button" class="btn btn-
warning" data-dismiss="modal"><i class="fa fa-
times"></i> Batal</button>
                <button type="submit" class="btn btn-
success"><i class="fa fa-save"></i>
Simpan</button>
        </div>
    </div>
</div>
<?php echo
form_close() ?>
</div>
</div>
<div class="card-body">
    <div class="table-responsive">
        <table class="table
table-bordered" width="100%" cellpadding="0">
            <thead
class="bg-info text-white">
                <tr
align="center">
                    <th width="5%">No</th>
                    <th>Nama Sub Kriteria</th>
                    <th>Nilai</th>
                    <th width="15%">Aksi</th>
                </tr>
            </thead>
            <tbody>
                <?php
                $sub_kriteria1 = $this-
>Sub_Kriteria_model->data_sub_kriteria($key-
>id_kriteria);
                $no=1;
                foreach ($sub_kriteria1 as $key):
                    <tr
align="center">
                        <td><?=$no ?></td>
                        <td align="left"><?= $key['deskripsi']
?></td>
                        <td><?= $key['nilai'] ?></td>
                        <td>
                            <div class="btn-group"
role="group">
                                <a data-toggle="modal"
title="Edit Data" href="#editk<?=
$key['id_sub_kriteria'] ?>" class="btn btn-warning
btn-sm"><i class="fa fa-edit"></i></a>

```

```

                <a data-
toggle="tooltip" data-placement="bottom"
title="Hapus Data" href="<?=  

base_url('Sub_kriteria/destroy/'. $key['id_sub_krite  

ria']) ?>" onclick="return confirm ('Apakah anda  

yakin untuk meghapus data ini')" class="btn btn-  

danger btn-sm"><i class="fa fa-trash"></i></a>

```

```
</div>
```

```
</td>
```

```
</tr>
```

```
Modal -->
```

```
<!--
```

```
<div
```

```

class="modal fade" id="editsk<?=  

$key['id_sub_kriteria'] ?>" tabindex="-1"  

role="dialog" aria-labelledby="myModalLabel"  

aria-hidden="true">

```

```
<div class="modal-dialog">
```

```
<div class="modal-content">
```

```
<div class="modal-  
header">
```

```

                <h5  

class="modal-title" id="myModalLabel"><i  

class="fa fa-edit"></i> Edit <?=  

$key['deskripsi']  

?></h5>

```

```

                <button  

type="button" class="close" data-dismiss="modal"  

aria-hidden="true">&times;</button>

```

```
</div>
```

```

                <?=  

form_open('Sub_kriteria/update/'. $key['id_sub_kr  

iteria']) ?>

```

```

                <?=  

form_hidden('id_sub_kriteria',  

$key['id_sub_kriteria']) ?>

```

```
<div  
class="modal-body">
```

```

                <input  

type="text" name="id_kriteria" value="<?=  

$key['id_kriteria'] ?>" hidden>

```

```
<div  
class="form-group">
```

```

                <label for="deskripsi" class="font-weight-  

bold">Nama Sub Kriteria</label>

```

```

                <input type="text" id="deskripsi"  

autocomplete="off" class="form-control"  

value="<?=  

$key['deskripsi'] ?>" name="deskripsi"  

required>

```

```
</div>
```

```
<div
```

```
class="form-group">
```

```

                <label for="nilai" class="font-weight-  

bold">Nilai</label>

```

```

                <input type="text" autocomplete="off"  

id="nilai" name="nilai" class="form-control"  

value="<?=  

$key['nilai'] ?>" required>

```

```
</div>
```

```

                <div  

class="modal-footer">

```

```

                <button type="button" class="btn btn-  

warning" data-dismiss="modal"><i class="fa fa-  

times"></i> Batal</button>

```

```

                <button type="submit" class="btn btn-  

success"><i class="fa fa-save"></i>  

Update</button>

```

```

                <?php echo  

form_close() ?>

```

```
</div>
```

```
</div>
```

```
<?php
```

```
$no++;
```

```
endforeach
```

```
?>
```

```

        </tbody>
    </table>
</div>
</div>
</div>
<?php endforeach ?>
<?php $this->load->view('layouts/footer_admin');
?>

Controller Alternatif
<?php

    defined('BASEPATH') OR exit('No direct script
    access allowed');

    class Alternatif extends CI_Controller {

        public function __construct()
        {
            parent::__construct();
            $this->load->library('pagination');
            $this->load->library('form_validation');
            $this->load->model('Alternatif_model');

            if ($this->session->userdata('id_user_level')
            != "1") {
                ?>
                <script
                type="text/javascript">
                    alert('Anda tidak berhak mengakses
                    halaman ini!');
                    window.location='<?php echo
                    base_url("Login/home"); ?>'
                </script>
                <?php
            }

            public function index()
            {
                $data = [
                    'page' => "Alternatif",
                    'list' => $this-
                    >Alternatif_model->tampil(),
                ];
                $this->load->view('alternatif/index', $data);
            }

            //menampilkan view create
            public function create()
            {
                $data['page'] = "Alternatif";
                $this->load->view('alternatif/create',$data);
            }

```

```

//menambahkan data ke database
public function store()
{
    $data = [
        'nama' => $this->input->post('nama'),
        'alamat' => $this->input-
        >post('alamat'),
        'tanggal' => $this->input-
        >post('tanggal'),
        'bulan' => $this->input->post('bulan'),
        'tahun' => $this->input->post('tahun'),
        'satker' => $this->input->post('satker'),
        'kontak' => $this->input->post('kontak')
    ];

    $this->form_validation->set_rules('nama',
    'Nama', 'required');

    if ($this->form_validation->run() != false) {
        $result = $this->Alternatif_model-
        >insert($data);
        if ($result) {
            $this->session-
            >set_flashdata('message', '<div class="alert alert-
            success" role="alert">Data berhasil
            disimpan!</div>');

            redirect('alternatif');
        } else {
            $this->session-
            >set_flashdata('message', '<div class="alert alert-
            success" role="alert">Data gagal
            disimpan!</div>');
            redirect('alternatif/create');
        }
    }

    public function edit($id_alternatif)
    {
        $alternatif = $this->Alternatif_model-
        >show($id_alternatif);
        $data = [
            'page' => "Alternatif",
            'alternatif' =>
            $alternatif
        ];
        $this->load->view('alternatif/edit', $data);
    }

    public function update($id_alternatif)
    {

```



```

        $id_alternatif = $this->input-
>post('id_alternatif');
        $data = array(
            'nama' => $this->input->post('nama'),
            'alamat' => $this->input->post('alamat'),
            'tanggal' => $this->input->post('tanggal'),
            'bulan' => $this->input->post('bulan'),
            'tahun' => $this->input->post('tahun'),
            'satker' => $this->input->post('satker'),
            'kontak' => $this->input->post('kontak')
        );

        $this->Alternatif_model-
>update($id_alternatif, $data);
        $this->session-
>set_flashdata('message', '<div class="alert alert-
success" role="alert">Data berhasil
diupdate!</div>');
        redirect('alternatif');
    }

    public function destroy($id_alternatif)
    {
        $this->Alternatif_model-
>delete($id_alternatif);
        $this->session-
>set_flashdata('message', '<div class="alert alert-
success" role="alert">Data berhasil
dihapus!</div>');
        redirect('alternatif');
    }
}

```

Model Alternatif

```
<?php
```

```

defined('BASEPATH') OR exit('No direct script
access allowed');

```

```

class Alternatif_model extends CI_Model {

    public function tampil()
    {
        $query = $this->db->get('alternatif');
        return $query->result();
    }

    public function getTotal()
    {
        return $this->db->count_all('alternatif');
    }

    public function insert($data = [])
    {
        $result = $this->db->insert('alternatif',
        $data);
    }
}

```

```

        return $result;
    }

    public function show($id_alternatif)
    {
        $this->db->where('id_alternatif',
        $id_alternatif);
        $query = $this->db->get('alternatif');
        return $query->row();
    }

    public function update($id_alternatif, $data =
    [])
    {
        $ubah = array(
            'nama' => $data['nama'],
            'alamat' => $data['alamat'],
            'tanggal' => $data['tanggal'],
            'bulan' => $data['bulan'],
            'tahun' => $data['tahun'],
            'satker' => $data['satker'],
            'kontak' => $data['kontak']
        );

        $this->db->where('id_alternatif',
        $id_alternatif);
        $this->db->update('alternatif', $ubah);
    }

    public function
    update_pinjaman($id_alternatif, $data = [])
    {
        $ubah = array(
            'jumlah_pinjaman' =>
        $data['jumlah_pinjaman']
        );

        $this->db->where('id_alternatif',
        $id_alternatif);
        $this->db->update('alternatif', $ubah);
    }

    public function delete($id_alternatif)
    {
        $this->db->where('id_alternatif',
        $id_alternatif);
        $this->db->delete('alternatif');
    }
}

View Alternatif
<?php $this->load->view('layouts/header_admin');
?>

<div class="d-sm-flex align-items-center justify-
content-between mb-4">

```

```
<h1 class="h3 mb-0 text-gray-800"><i class="fas fa-fw fa-users"></i> Data Pemohon</h1>
```

```
<a href="<?= base_url('Alternatif/create'); ?>" class="btn btn-success"> <i class="fa fa-plus"></i> Tambah Data </a>  
</div>
```

```
<?= $this->session->flashdata('message'); ?>
```

```
<div class="card shadow mb-4">  
  <!-- /.card-header -->  
  <div class="card-header py-3">  
    <h6 class="m-0 font-weight-bold text-info"><i class="fa fa-table"></i> Daftar Data Pemohon</h6>  
  </div>
```

```
<div class="card-body">  
  <div class="table-responsive">  
    <table class="table table-bordered" id="dataTable" width="100%" cellpadding="0">
```

```
      <thead  
class="bg-info text-white">  
      <tr  
align="center">
```

```
<th width="5%">No</th>
```

```
<th>Nama Lengkap</th>
```

```
<th>Alamat</th>
```

```
<th>Tanggal Lahir</th>
```

```
<th>Satuan Kerja</th>
```

```
<th>Nomor Kontak</th>
```

```
<th width="15%">Aksi</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<?php
```

```
$no=1;
```

```
foreach ($list as $data => $value) {
```

```
  ?>
```

```
<tr
```

```
align="center">
```

```
<td><?=$no ?></td>
```

```
<td align="left"><?php echo $value->nama ?></td>
```

```
<td align="left"><?php echo $value->alamat ?></td>
```

```
<td align="center"><?php echo $value->tanggal ?>-<?php echo $value->bulan ?>-<?php echo $value->tahun ?></td>
```

```
<td align="center"><?php echo $value->satker ?></td>
```

```
<td align="center"><?php echo $value->kontak ?></td>
```

```
<td>
```

```
<div class="btn-group" role="group">
```

```
<a data-toggle="tooltip" data-placement="bottom" title="Edit Data" href="<?=base_url('Alternatif/edit/'. $value->id_alternatif)?>" class="btn btn-warning btn-sm"><i class="fa fa-edit"></i></a>
```

```
<a data-toggle="tooltip" data-placement="bottom" title="Hapus Data" href="<?=base_url('Alternatif/destroy/'. $value->id_alternatif)?>" onclick="return confirm ('Apakah anda yakin untuk meghapus data ini')" class="btn btn-danger btn-sm"><i class="fa fa-trash"></i></a>
```

```
</div>
```

```
</td>
```

```
</tr>
```

```
<?php
```

```
$no++;
```

```
}
```

```
?>
```

```
</tbody>
```

```
</table>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<?php $this->load->view('layouts/footer_admin'); ?>
```

```
View Tambah Alternatif
```

```
<?php $this->load->view('layouts/header_admin'); ?>
```

```

<div class="d-sm-flex align-items-center justify-content-between mb-4">
  <h1 class="h3 mb-0 text-gray-800"><i class="fas fa-fw fa-users"></i> Data Pemohon</h1>

  <a href="<?= base_url('Alternatif'); ?>"
  class="btn btn-secondary btn-icon-split"><span
  class="icon text-white-50"><i class="fas fa-arrow-left"></i></span>
    <span class="text">Kembali</span>
  </a>
</div>

<?= $this->session->flashdata('message'); ?>

<div class="card shadow mb-4">
  <div class="card-header py-3">
    <h6 class="m-0 font-weight-bold text-info"><i
  class="fas fa-fw fa-plus"></i> Tambah Data Pemohon</h6>
  </div>

  <?php echo form_open('Alternatif/store'); ?>
  <div class="card-body">
    <div class="row">
      <div class="form-group col-md-12">
        <label class="font-weight-bold">Nama Lengkap</label>
        <input autocomplete="off" type="text"
        name="nama" required class="form-control"/>
      </div>
      <div class="form-group col-md-12">
        <label class="font-weight-bold">Alamat</label>
        <input autocomplete="off" type="text"
        name="alamat" required class="form-control"/>
      </div>
      <div class="form-group col-md-4"
      style="display:inline-block;">
        <label class="font-weight-bold">Tanggal Lahir</label>
        <select autocomplete="off" type="text"
        name="tanggal" required class="form-control"/>
        <option value="">-- Pilih --</option>
      </select>
      </div>
      <div class="form-group col-md-4"
      style="display:inline-block;">
        <label class="font-weight-bold">Bulan Lahir</label>
        <select autocomplete="off" type="text"
        name="bulan" required class="form-control"/>
        <option value="">-- Pilih --</option>
      </select>
      </div>
      <div class="form-group col-md-4"
      style="display:inline-block;">

```

```

        <label class="font-weight-bold">Tahun Lahir</label>
        <select autocomplete="off" type="text"
        name="tahun" required class="form-control"/>
        <option value="">-- Pilih --</option>
      </select>
    </div>
    <div class="form-group col-md-12">
      <label class="font-weight-bold">Satuan Kerja</label>
      <select autocomplete="off" type="text"
      name="satker" required class="form-control"/>
      <option value="">-- Pilih --</option>
      <option value="BPDAS MUSI">BPDAS Musi</option>
      <option value="BPDAS Wilayah I">BPTH Wilayah I</option>
      <option value="DISHUT Prov. SUMSEL">DISHUT Prov. SUMSEL</option>
      <option value="BPSILHK Palembang">BPSILHK Palembang</option>
      <option value="BPPIKHL Wilayah Sumatera">BPPIKHL Wilayah Sumatera</option>
      <option value="BKSDA Sumatera Selatan">BKSDA Sumatera Selatan</option>
      <option value="BPHP Wilayah V">BPHP Wilayah V</option>
      <option value="BTN Berbak Sembilang">BTN Berbak Sembilang</option>
      <option value="Balai Gakkum Wilayah Sumatera">Balai Gakkum Wilayah Sumatera</option>
      <option value="Mutasi Disbun (Dishut Prov. SUMSEL)">Mutasi Disbun (Dishut Prov. SUMSEL)</option>
      <option value="Pensiunan (Anggota Pasif)">Pensiunan (Anggota Pasif)</option>
    </select>
  </div>
  <div class="form-group col-md-12">
    <label class="font-weight-bold">Nomor Kontak</label>
    <input autocomplete="off" type="text"
    name="kontak" required class="form-control"/>
  </div>
</div>
<div class="card-footer text-right">
  <button type="submit" class="btn btn-success"><i class="fa fa-save"></i> Simpan</button>
  <button type="reset" class="btn btn-info"><i class="fa fa-sync-alt"></i> Reset</button>
</div>
<?php echo form_close() ?>
</div>

```

```
<?php $this->load->view('layouts/footer_admin');
?>
```

View Edit Alternatif

```
<?php $this->load->view('layouts/header_admin');
?>
```

```
<div class="d-sm-flex align-items-center justify-
content-between mb-4">
  <h1 class="h3 mb-0 text-gray-800"><i class="fas
fa-fw fa-users"></i> Data Pemohon</h1>
```

```
  <a href="<?= base_url('Alternatif'); ?>"
class="btn btn-secondary btn-icon-split"><span
class="icon text-white-50"><i class="fas fa-arrow-
left"></i></span>
    <span
class="text">Kembali</span>
  </a>
</div>
```

```
<div class="card shadow mb-4">
  <div class="card-header py-3">
    <h6 class="m-0 font-weight-bold text-info"><i
class="fas fa-fw fa-edit"></i> Edit Data
Pemohon</h6>
  </div>
```

```
  <?php echo
form_open('Alternatif/update/'. $alternatif-
>id_alternatif); ?>
    <div class="card-body">
      <div class="row">
        <?php echo
form_hidden('id_alternatif', $alternatif-
>id_alternatif) ?>
        <div
class="form-group col-md-12">
          <label class="font-weight-bold">Nama
Lengkap</label>
          <input autocomplete="off" type="text"
name="nama" value="<?php echo $alternatif-
>nama ?>" required class="form-control"/>
        </div>
        <div class="form-group col-md-12">
          <label class="font-weight-
bold">Alamat</label>
          <input autocomplete="off" type="text"
name="alamat" value="<?php echo $alternatif-
>alamat ?>" required class="form-control"/>
        </div>
        <div class="form-group col-md-4"
style="display:inline-block;">
          <label class="font-weight-
bold">Tanggal Lahir</label>
```

```
          <select autocomplete="off" type="text"
name="tanggal" required class="form-control"/>
            <option value="<?php echo $alternatif-
>tanggal ?>"><?php echo $alternatif->tanggal
?></option>
            <option value="">-- Pilih --</option>
          </select>
        </div>
        <div class="form-group col-md-4"
style="display:inline-block;">
          <label class="font-weight-bold">Bulan
Lahir</label>
          <select autocomplete="off" type="text"
name="bulan" required class="form-control"/>
            <option value="<?php echo $alternatif-
>bulan ?>"><?php echo $alternatif->bulan ?>
            <option value="">-- Pilih --</option>
          </select>
        </div>
        <div class="form-group col-md-4"
style="display:inline-block;">
          <label class="font-weight-bold">Tahun
Lahir</label>
          <select autocomplete="off" type="text"
name="tahun" required class="form-control"/>
            <option value="<?php echo $alternatif-
>tahun ?>"><?php echo $alternatif->tahun ?>
            <option value="">-- Pilih --</option>
          </select>
        </div>
        <div class="form-group col-md-12">
          <label class="font-weight-bold">Satuan
Kerja</label>
          <select autocomplete="off" type="text"
name="satker" required class="form-control"/>
            <option value="<?php echo $alternatif-
>satker ?>"><?php echo $alternatif->satker ?>
            <option value="">-- Pilih --</option>
            <option value="BPDAS MUSI">BPDAS
Musi</option>
            <option value="BPDAS Wilayah I">BPTH
Wilayah I</option>
            <option value="DISHUT Prov.
SUMSEL">DISHUT Prov. SUMSEL</option>
            <option value="BPSILHK
Palembang">BPSILHK Palembang</option>
            <option value="BPPIKHL Wilayah
Sumatera">BPPIKHL Wilayah Sumatera</option>
            <option value="BKSDA Sumatera
Selatan">BKSDA Sumatera Selatan</option>
            <option value="BPHP Wilayah V">BPHP
Wilayah V</option>
            <option value="BTN Berbak
Sembilang">BTN Berbak Sembilang</option>
            <option value="Balai Gakkum Wilayah
Sumatera">Balai Gakkum Wilayah
Sumatera</option>
```

```

        <option value="Mutasi Disbun (Dishut
Prov. SUMSEL)">Mutasi Disbun (Dishut Prov.
SUMSEL)</option>
        <option value="Pensiunan (Anggota
Pasif)">Pensiunan (Anggota Pasif)</option>
    </select>
</div>
<div class="form-group col-md-12">
    <label class="font-weight-bold">Nomor
Kontak</label>
    <input autocomplete="off" type="text"
name="kontak" value="<?php echo $alternatif-
>kontak ?>"required class="form-control"/>
</div>
</div>
<div class="card-footer text-
right">
    <button type="submit" class="btn btn-
success"><i class="fa fa-save"></i>
Simpan</button>
    <button type="reset" class="btn btn-
info"><i class="fa fa-sync-alt"></i> Reset</button>
</div>
<?php echo form_close() ?>
</div>
<?php $this->load->view('layouts/footer_admin');
?>

```

Controller Penilaian

```

<?php

defined('BASEPATH') OR exit('No direct script
access allowed');

class Penilaian extends CI_Controller {

    public function __construct()
    {
        parent::__construct();
        $this->load->library('pagination');
        $this->load->library('form_validation');
        $this->load->model('Penilaian_model');
        $this->load->model('Alternatif_model');

        if ($this->session->userdata('id_user_level')
!= "1") {
            ?>
            <script
type="text/javascript">
                alert('Anda tidak berhak mengakses
halaman ini!');
                window.location='<?php echo
base_url("Login/home"); ?>'
            </script>
        </script>
    </div>

```

```

    }
}

public function index()
{
    $data = [
        'page' =>
        "Penilaian",
        'kriteria'=> $this->Penilaian_model-
>get_kriteria(),
        'alternatif'=> $this->Penilaian_model-
>get_alternatif(),
    ];
    $this->load->view('penilaian/index', $data);
}

//menampilkan view create
public function create()
{
    $data = [
        'page' =>
        "Penilaian",
        'kriteria'=> $this->Penilaian_model-
>get_kriteria(),
        'alternatif'=> $this->Penilaian_model-
>get_pemohon(),
    ];
    $this->load->view('penilaian/create',
$data);
}

public function tambah_penilaian()
{
    $id_alternatif = $this->input-
>post('id_alternatif');
    $id_kriteria = $this->input-
>post('id_kriteria');
    $nilai = $this->input->post('nilai');
    $i = 0;
    echo var_dump($nilai);
    foreach ($nilai as $key) {
        $this->Penilaian_model-
>tambah_penilaian($id_alternatif,$id_kriteria[$i],$
key);
        $i++;
    }

    $data = array(
        'jumlah_pinjaman' => $this->input-
>post('jumlah_pinjaman')
    );
    $this->Alternatif_model-
>update_pinjaman($id_alternatif, $data);

    $this->session-
>set_flashdata('message', '<div class="alert alert-

```

```

success" role="alert">Data berhasil
disimpan!</div>');
    redirect('penilaian');
}

public function update_penilaian()
{
    $id_alternatif = $this-
>input->post('id_alternatif');
    $id_kriteria = $this-
>input->post('id_kriteria');
    $nilai = $this->input-
>post('nilai');
    $i = 0;

    foreach ($nilai as $key) {
        $cek = $this-
>Penilaian_model-
>data_penilaian($id_alternatif,$id_kriteria[$i]);
        if ($cek==0) {
            $this-
>Penilaian_model-
>tambah_penilaian($id_alternatif,$id_kriteria[$i],$
key);
        } else {
            $this-
>Penilaian_model-
>edit_penilaian($id_alternatif,$id_kriteria[$i],$key
);
        }
        $i++;
    }

    $data = array(
        'jumlah_pinjaman' => $this->input-
>post('jumlah_pinjaman')
    );
    $this->Alternatif_model-
>update_pinjaman($id_alternatif, $data);

    $this->session-
>set_flashdata('message', '<div class="alert alert-
success" role="alert">Data berhasil
diupdate!</div>');
    redirect('penilaian');
}

public function destroy($id_alternatif)
{
    $this->Penilaian_model-
>delete($id_alternatif);
    $this->session->set_flashdata('message',
'<div class="alert alert-success" role="alert">Data
berhasil dihapus!</div>');
    redirect('penilaian');
}
}
}

```

Model Penilaian

```

<?php

defined('BASEPATH') OR exit('No direct script
access allowed');

class Penilaian_model extends CI_Model {

    public function
tambah_penilaian($id_alternatif,$id_kriteria,$nilai
)
    {
        $query = $this->db->simple_query("INSERT
INTO penilaian VALUES
(DEFAULT,'$id_alternatif','$id_kriteria','$nilai);");
        return $query;
    }

    public function
edit_penilaian($id_alternatif,$id_kriteria,$nilai)
    {
        $query = $this->db->simple_query("UPDATE
penilaian SET nilai=$nilai WHERE
id_alternatif='$id_alternatif' AND
id_kriteria='$id_kriteria';");
        return $query;
    }

    public function get_kriteria()
    {
        $query = $this->db->get('kriteria');
        return $query->result();
    }

    public function get_alternatif()
    {
        $query = $this->db->query("SELECT * FROM
alternatif where id_alternatif in (select
id_alternatif from penilaian where
penilaian.id_alternatif=alternatif.id_alternatif)");
        return $query->result();
    }

    public function get_pemohon()
    {
        $query = $this->db->query("SELECT * FROM
alternatif where id_alternatif not in (select
id_alternatif from penilaian where
penilaian.id_alternatif=alternatif.id_alternatif)");
        return $query->result();
    }

    public function get_sub_kriteria()
    {
        $query = $this->db->get('sub_kriteria');
        return $query->result();
    }

    public function
data_penilaian($id_alternatif,$id_kriteria)

```

```

    {
        $query = $this->db->query("SELECT * FROM
penilaian WHERE id_alternatif='$id_alternatif' AND
id_kriteria='$id_kriteria'");
        return $query->row_array();
    }
    public function untuk_tombol($id_alternatif)
    {
        $query = $this->db-
>query("SELECT * FROM penilaian WHERE
id_alternatif='$id_alternatif'");
        return $query-
>num_rows();
    }
    public function
data_sub_kriteria($id_kriteria)
    {
        $query = $this->db-
>query("SELECT * FROM sub_kriteria WHERE
id_kriteria='$id_kriteria' ORDER BY nilai DESC;");
        return $query-
>result_array();
    }

    public function delete($id_alternatif)
    {
        $this->db->where('id_alternatif',
$id_alternatif);
        $this->db->delete('penilaian');
    }
}

```

View Penilaian

```

<?php $this->load->view('layouts/header_admin');
?>

<div class="d-sm-flex align-items-center justify-
content-between mb-4">
    <h1 class="h3 mb-0 text-gray-800"><i class="fas
fa-fw fa-edit"></i> Data Penilaian</h1>

    <a href="<?= base_url('Penilaian/create'); ?>"
class="btn btn-success"> <i class="fa fa-plus"></i>
Tambah Data </a>
</div>

<?= $this->session->flashdata('message'); ?>

<div class="card shadow mb-4">
    <!-- /.card-header -->
    <div class="card-header py-3">
        <h6 class="m-0 font-weight-bold text-info"><i
class="fa fa-table"></i> Daftar Data Penilaian</h6>
    </div>

    <div class="card-body">

```

```

        <div class="table-responsive">
            <table class="table
table-bordered" id="dataTable" width="100%"
cellspacing="0">
                <thead
class="bg-info text-white">
                    <tr
align="center">
                        <th width="5%">No</th>
                        <th>Alternatif</th>
                        <th>Jumlah Pinjaman</th>
                        <th width="15%">Aksi</th>
                    </tr>
                </thead>
                <tbody>
                    <?php
                    $no=1;

                    foreach ($alternatif as $keys): ?>
                        <tr
align="center">
                            <td><?=$no ?></td>
                            <td align="left"><?=$keys->nama ?></td>
                            <td align="left">Rp <?=
number_format($keys->jumlah_pinjaman) ?></td>
                            <?php $cek_tombol = $this-
>Penilaian_model->untuk_tombol($keys-
>id_alternatif); ?>
                            <td>
                                <?php if ($cek_tombol==0) { ?>
                                    <a data-toggle="modal" href="#set<?=
$keys->id_alternatif ?>" class="btn btn-success
btn-sm"><i class="fa fa-plus"></i> Input</a>
                                <?php } else { ?>
                                    <a data-toggle="modal" href="#edit<?=
$keys->id_alternatif ?>" class="btn btn-warning
btn-sm"><i class="fa fa-edit"></i></a><a data-
toggle="tooltip" data-placement="bottom"
title="Hapus Data"
href="<?=base_url('Penilaian/destroy/').$keys-
>id_alternatif?>" onclick="return confirm
('Apakah anda yakin untuk meghapus data ini)'"

```

```

class="btn btn-danger btn-sm"><i class="fa fa-
trash"></i></a>

<?php } ?>

</td>

</tr>

<!--

Modal -->

<div

class="modal fade" id="set<?= $keys->id_alternatif
?>" tabindex="-1" role="dialog" aria-
labelledby="myModalLabel" aria-hidden="true">

<div class="modal-dialog">

<div class="modal-content">

<div class="modal-
header">

<h5

class="modal-title" id="myModalLabel"><i

class="fa fa-plus"></i> Input Penilaian</h5>

<button

type="button" class="close" data-dismiss="modal"
aria-hidden="true">&times;</button>

</div>

<?=

form_open('Penilaian/tambah_penilaian') ?>

<div

class="modal-body">

<?php

foreach ($kriteria as $key): ?>

<?php

$sub_kriteria = $this->Penilaian_model-
>data_sub_kriteria($key->id_kriteria);

?>

<?php

if ($sub_kriteria!=NULL): ?>

<input

type="text" name="id_alternatif" value="<?=
$keys->id_alternatif ?>" hidden>

<input

```

```

type="text" name="id_kriteria[]" value="<?= $key-
>id_kriteria ?>" hidden>

<div

class="form-group">

<label class="font-weight-bold" for="<?=
$key->id_kriteria ?>"><?= $key->keterangan
?></label>

<select name="nilai[]" class="form-
control" id="<?= $key->id_kriteria ?>" required>

<option value="">--Pilih--

</option>

<?php foreach ($sub_kriteria as
$subs_kriteria): ?>

<option value="<?=
$subs_kriteria['id_sub_kriteria'] ?>"><?=
$subs_kriteria['deskripsi'] ?> </option>

<?php endforeach ?>

</select>

</div>

<?php

endif ?>

<?php

endforeach ?>

</div>

<div

class="modal-footer">

<button type="button" class="btn btn-
warning" data-dismiss="modal"><i class="fa fa-
times"></i> Batal</button>

<button type="submit" class="btn btn-
success"><i class="fa fa-save"></i>
Simpan</button>

</div>

```



```

        </form>
    </div>
</div>
</div>
Modal -->
    <div
class="modal fade" id="edit<?= $keys-
>id_alternatif ?>" tabindex="-1" role="dialog" aria-
labelledby="myModalLabel" aria-hidden="true">
        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-
header">
                    <h5
class="modal-title" id="myModalLabel"><i
class="fa fa-edit"></i> Edit Penilaian</h5>
                    <button
type="button" class="close" data-dismiss="modal"
aria-hidden="true">&times;</button>
                </div>
                <?=
form_open('Penilaian/update_penilaian') ?>
                <div
class="modal-body">
                    <div
class="form-group">
                        <label
class="font-weight-bold"
for="jumlah_pinjaman">Jumlah Pinjaman</label>
                        <input
type="number" name="jumlah_pinjaman"
id="jumlah_pinjaman" step="100000" value="<?=
$keys->jumlah_pinjaman ?>" class="form-control"
required>
                    </div>
                </div>
            </div>
        </div>
    </div>
    <?php
foreach ($kriteria as $key): ?>
        <?php

```

```

        $sub_kriteria = $this->Penilaian_model-
>data_sub_kriteria($key->id_kriteria);
        ?>
    <?php
if ($sub_kriteria!=NULL): ?>
        <input
type="text" name="id_alternatif" value="<?=
$keys->id_alternatif ?>" hidden>
        <input
type="text" name="id_kriteria[]" value="<?= $key-
>id_kriteria ?>" hidden>
        <div
class="form-group">
            <label class="font-weight-bold" for="<?=
$key->id_kriteria ?>"><?= $key->keterangan
?></label>
            <select name="nilai[]" class="form-
control" id="<?= $key->id_kriteria ?>" required>
                <option value="">--Pilih--
            </option>
            <?php foreach ($sub_kriteria as
$subs_kriteria): ?>
                <?php $s_option = $this-
>Penilaian_model->data_penilaian($keys-
>id_alternatif,$subs_kriteria['id_kriteria']); ?>
                <option value="<?=
$subs_kriteria['id_sub_kriteria'] ?>" <?php
if($subs_kriteria['id_sub_kriteria']==$s_option['nil
ai']){echo "selected";} ?>><?=
$subs_kriteria['deskripsi'] ?> </option>
            <?php endforeach ?>
        </select>
    </div>
    <?php
endif ?>

```

```

endforeach ?>
</div>
class="modal-footer">
    <button type="button" class="btn btn-warning" data-dismiss="modal"><i class="fa fa-times"></i> Batal</button>
    <button type="submit" class="btn btn-success"><i class="fa fa-save"></i> Update</button>
</div>
</form>
</div>
</div>
</div>
<?php $no++;
endforeach
?>
</tbody>
</table>
</div>
</div>
<?php $this->load->view('layouts/footer_admin');
?>
View Tambah Penilaian
<?php $this->load->view('layouts/header_admin');
?>
<div class="d-sm-flex align-items-center justify-content-between mb-4">
    <h1 class="h3 mb-0 text-gray-800"><i class="fas fa-fw fa-cube"></i> Data Penilaian</h1>
    <a href="<? = base_url('Penilaian'); ?>" class="btn btn-secondary btn-icon-split"><span class="icon text-white-50"><i class="fas fa-arrow-left"></i></span>
        <span class="text">Kembali</span>
    </a>
</div>

```

```

<? = $this->session->flashdata('message'); ?>
<div class="card shadow mb-4">
    <div class="card-header py-3">
        <h6 class="m-0 font-weight-bold text-info"><i class="fas fa-fw fa-plus"></i> Tambah Data Penilaian</h6>
    </div>
    <?php echo form_open('Penilaian/tambah_penilaian'); ?>
    <div class="card-body">
        <div class="row">
            <div class="form-group col-md-12">
                <label class="font-weight-bold">Pemohon</label>
                <select name="id_alternatif" class="form-control required">
                    <option value="">--Pilih Pemohon--
                </option>
                <?php foreach ($alternatif as $keys): ?>
                    <option value="<? = $keys->id_alternatif ?>"><? = $keys->nama ?></option>
                </option>
                <?php endforeach ?>
            </div>
            <div class="form-group col-md-6">
                <label class="font-weight-bold">Jumlah Pinjaman</label>
                <input autocomplete="off" type="number" name="jumlah_pinjaman" step="100000" required class="form-control"/>
            </div>
            <?php foreach ($kriteria as $key): ?>
                <?php $sub_kriteria = $this->Penilaian_model->data_sub_kriteria($key->id_kriteria);
                <?php if ($sub_kriteria!=NULL): ?>
                    <input type="text" name="id_kriteria[]" value="<? = $key->id_kriteria ?>" hidden>
                </div class="form-group col-md-6">

```

```

                <label
class="font-weight-bold" for="<?=$key-
>id_kriteria ?>"><?=$key->keterangan ?></label>
                <select
name="nilai[]" class="form-control" id="<?=$key-
>id_kriteria ?>" required>
                    <option value="">--Pilih--</option>
                <?php
foreach ($sub_kriteria as $subs_kriteria): ?>
                    <option value="<?=$
$subs_kriteria['id_sub_kriteria'] ?>"><?=$
$subs_kriteria['deskripsi'] ?> </option>
                <?php
endforeach ?>
                </select>
            </div>
            <?php endif ?>
            <?php endforeach ?>
            </div>
            <div class="card-footer text-
right">
                <button type="submit" class="btn btn-
success"><i class="fa fa-save"></i>
Simpan</button>
                <button type="reset" class="btn btn-
info"><i class="fa fa-sync-alt"></i> Reset</button>
            </div>
            <?php echo form_close() ?>
        </div>
<?php $this->load->view('layouts/footer_admin');
?>

```

Controller Perhitungan

```

<?php

defined('BASEPATH') OR exit('No direct script
access allowed');

class Perhitungan extends CI_Controller {

    public function __construct()
    {
        parent::__construct();
        $this->load->library('pagination');
        $this->load->library('form_validation');
        $this->load->model('Perhitungan_model');
    }

    public function index()
    {
        if ($this->session->userdata('id_user_level')
!= "1") {
            ?>

```

```

                <script
type="text/javascript">
                    alert('Anda tidak berhak mengakses
halaman ini!');
                    window.location='<?php echo
base_url("Login/home"); ?>'
                </script>
                <?php
                    }

                    $data = [
                        'page' => "Perhitungan",
                        'kriterias'=> $this->Perhitungan_model-
>get_kriteria(),
                        'alternatifs'=> $this->Perhitungan_model-
>get_alternatif(),
                    ];

                    $this->load-
>view('Perhitungan/perhitungan', $data);
                }

                public function hasil()
                {
                    $data = [
                        'page' => "Hasil",

                        'hasil_moora'=> $this-
>Perhitungan_model->get_hasil_moora()
                    ];

                    $this->load->view('Perhitungan/hasil',
$data);
                }

            }

```

Model Perhitungan

```

<?php

defined('BASEPATH') OR exit('No direct script
access allowed');

class Perhitungan_model extends CI_Model {

    public function get_kriteria()
    {
        $query = $this->db->get('kriteria');
        return $query->result();
    }
    // public function get_alternatif()
    // {
    //     $query = $this->db->get('alternatif');
    //     return $query->result();
    // }
    public function get_alternatif()
    {

```

```

        $query = $this->db-
>query("SELECT * FROM alternatif inner join
penilaian on
penilaian.id_alternatif=alternatif.id_alternatif
where penilaian.nilai!=0 group by
alternatif.id_alternatif;");
        return $query->result();
    }

    public function
data_nilai($sid_alternatif,$sid_kriteria)
    {
        $query = $this->db-
>query("SELECT * FROM penilaian JOIN
sub_kriteria WHERE
penilaian.nilai=sub_kriteria.id_sub_kriteria AND
penilaian.id_alternatif='$sid_alternatif' AND
penilaian.id_kriteria='$sid_kriteria;");
        return $query-
>row_array();
    }

    public function
get_hasil_moora()
    {
        $query = $this->db-
>query("SELECT * FROM hasil_moora JOIN
alternatif ON
hasil_moora.id_alternatif=alternatif.id_alternatif
ORDER BY nilai DESC;");
        return $query->result();
    }

    public function
insert_hasil_moora($hasil_akhir = [])
    {
        $result = $this->db->insert('hasil_moora',
$hasil_akhir);
        return $result;
    }

    public function
hapus_hasil_moora()
    {
        $query = $this->db->query("TRUNCATE
TABLE hasil_moora;");
        return $query;
    }
}

```

View Perhitungan

```

<?php
$this->load->view('layouts/header_admin');
//Matrix Keputusan (X)
$matriks_x = array();
foreach($alternatifs as $alternatif):
    foreach($kriterias as $kriteria):

```

```

        $sid_alternatif = $alternatif-
>id_alternatif;
        $sid_kriteria = $kriteria-
>id_kriteria;

        $data_pencocokan = $this-
>Perhitungan_model-
>data_nilai($sid_alternatif,$sid_kriteria);
        $nilai =
        $data_pencocokan['nilai'];

        $matriks_x[$sid_kriteria][$sid_alternatif] =
$nilai;
    endforeach;
endforeach;

//Matriks Ternormalisasi (R)
$matriks_r = array();
foreach($matriks_x as $sid_kriteria => $penilaian):

    $jumlah_kuadrat = 0;
    foreach($penilaian as $penilaian):
        $jumlah_kuadrat +=
pow($penilaian, 2);
    endforeach;
    $akar_kuadrat = sqrt($jumlah_kuadrat);

    foreach($penilaian as $sid_alternatif =>
$penilaian):

        $matriks_r[$sid_kriteria][$sid_alternatif] =
$penilaian / $akar_kuadrat;
    endforeach;
endforeach;

//Matriks Normalisasi Terbobot
$matriks_rb = array();
foreach($alternatifs as $alternatif):
    foreach($kriterias as $kriteria):

        $bobot = $kriteria->bobot;
        $sid_alternatif = $alternatif-
>id_alternatif;
        $sid_kriteria = $kriteria-
>id_kriteria;

        $nilai_r =
        $matriks_r[$sid_kriteria][$sid_alternatif];

        $matriks_rb[$sid_kriteria][$sid_alternatif] =
$bobot * $nilai_r;
    endforeach;
endforeach;

```

```

//Nilai Yi
$nilai_y_max = array();
$nilai_y_min = array();
foreach($alternatifs as $alternatif):
    $total_max = 0;
    $total_min = 0;
    foreach($kriterias as $kriteria):
        $id_alternatif = $alternatif-
>id_alternatif;
        $id_kriteria = $kriteria-
>id_kriteria;
        $type_kriteria = $kriteria->jenis;
        $nilai_rb =
$matriks_rb[$id_kriteria][$id_alternatif];
        if($type_kriteria == 'Benefit'):
            $total_max += $nilai_rb;
        elseif($type_kriteria == 'Cost'):
            $total_min += $nilai_rb;
        endif;
    endforeach;
    $nilai_y_max[$id_kriteria][$id_alternatif]
= $total_max;
    $nilai_y_min[$id_kriteria][$id_alternatif]
= $total_min;
endforeach;
?>

<div class="d-sm-flex align-items-center justify-
content-between mb-4">
    <h1 class="h3 mb-0 text-gray-800"><i class="fas
fa-fw fa-calculator"></i> Data Perhitungan</h1>
</div>

<div class="card shadow mb-4">
    <!-- /.card-header -->
    <div class="card-header py-3">
        <h6 class="m-0 font-weight-bold text-info"><i
class="fa fa-table"></i> Matriks Keputusan
(X)</h6>
    </div>

    <div class="card-body">
        <div class="table-responsive">
            <table class="table
table-bordered" width="100%" cellpadding="0">
                <thead
class="bg-info text-white">
                    <tr
align="center">
                        <th width="5%" rowspan="2">No</th>
                        <th>Nama Alternatif</th>
                        <?php foreach ($kriterias as $kriteria): ?>

```

```

        <h6 class="m-0 font-weight-bold text-info"><i
class="fa fa-table"></i> Bobot Preferensi (W)</h6>
</div>

<div class="card-body">
    <div class="table-responsive">
        <table class="table
table-bordered" width="100%" cellpadding="0">
            <thead
class="bg-info text-white">
                <tr
align="center">
                    <?php foreach ($kriterias as $kriteria): ?>
                        <th><?= $kriteria->kode_kriteria ?> (<?=
$kriteria->jenis ?>)</th>
                    <?php endforeach ?>
                </tr>
            </thead>
            <tbody>
                <tr
align="center">
                    <?php foreach ($kriterias as $kriteria): ?>
                        <td>
                            <?php
echo $kriteria->bobot;
                            ?>
                        </td>
                    <?php endforeach ?>
                </tr>
            </tbody>
        </table>
    </div>
</div>

<div class="card shadow mb-4">
    <!-- /.card-header -->
    <div class="card-header py-3">
        <h6 class="m-0 font-weight-bold text-info"><i
class="fa fa-table"></i> Matriks Ternormalisasi
(R)</h6>
    </div>

    <div class="card-body">
        <div class="table-responsive">
            <table class="table
table-bordered" width="100%" cellpadding="0">

```

```

            <thead
class="bg-info text-white">
                <tr
align="center">
                    <th width="5%" rowspan="2">No</th>
                    <th>Nama Alternatif</th>
                    <?php foreach ($kriterias as $kriteria): ?>
                        <th><?= $kriteria->kode_kriteria
?></th>
                    <?php endforeach ?>
                </tr>
            </thead>
            <tbody>
                <?php
$no=1;
                foreach ($alternatifs as $alternatif): ?>
                    <tr
align="center">
                        <td><?= $no; ?></td>
                        <td align="left"><?= $alternatif->nama
?></td>
                        <?php
                            foreach($kriterias as $kriteria):
                                $id_alternatif = $alternatif-
>id_alternatif;
                                $id_kriteria = $kriteria-
>id_kriteria;
                                echo '<td>';
                                echo
round($matriks_r[$id_kriteria][$id_alternatif],4);
                                echo '</td>';
                            endforeach;
                        ?>
                    </tr>
                <?php
$no++;

```



```

        echo $kriteria-
>kode_kriteria." ";
    }
endforeach
?>
</th>
<th>Minimum (
<?php foreach ($kriterias as $kriteria):
    if ($kriteria->jenis=="Cost"){
        echo $kriteria-
>kode_kriteria." ";
    }
endforeach
?>
</th>
<th>Yi = Max - Min</th>
</tr>
</thead>
<tbody>
<?php
    $no=1;
    $this->Perhitungan_model-
>hapus_hasil_moora();
    foreach ($alternatifs as $alternatif): ?>
align="center">
        <td><?=$no; ?></td>
        <td align="left"><?=$alternatif->nama
?></td>
        <?php
            $total_max = 0;
            $total_min = 0;
            foreach($kriterias as $kriteria):
                $id_alternatif = $alternatif-
>id_alternatif;
                $id_kriteria = $kriteria-
>id_kriteria;
                $nilai_rb =
round($matriks_rb[$id_kriteria][$id_alternatif],4);
                if ($kriteria->jenis=="Benefit"){
                    $total_max += $nilai_rb;
                }else{
                    $total_min += $nilai_rb;
                }
            endforeach;
        ?>
        <td>
            <?=$total_max; ?>
        </td>
        <td>
            <?=$total_min; ?>
        </td>
        <td>
            <?=$hasil = $total_max-
$total_min; ?>
        </td>
        </tr>
    <?php
        $no++;
        $hasil_akhir = [
            'id_alternatif' => $alternatif-
>id_alternatif,
            'nilai' => $hasil
        ];
        $this->Perhitungan_model-
>insert_hasil_moora($hasil_akhir);
    endforeach

```



```

?>
</tbody>
</table>
</div>
</div>
</div>
</div>
<?php
$this->load->view('layouts/footer_admin');
?>

View Hasil Perhitungan
<?php $this->load->view('layouts/header_admin');
?>

<div class="d-sm-flex align-items-center justify-
content-between mb-4">
<h1 class="h3 mb-0 text-gray-800"><i class="fas
fa-fw fa-chart-area"></i> Data Hasil Akhir</h1>

<a href="<? base_url('Laporan'); ?>"
class="btn btn-primary"> <i class="fa fa-print"></i>
Cetak Data </a>
</div>

<div class="card shadow mb-4">
<!-- /.card-header -->
<div class="card-header py-3">
<h6 class="m-0 font-weight-bold
text-info"><i class="fa fa-table"></i> Hasil Akhir
Perankingan</h6>
</div>

<div class="card-body">
<div class="table">
<table class="table
table-bordered" width="100%" cellspacing="0">
<thead
class="bg-info text-white">
<tr
align="center">
<th>Nama Pemohon</th>
<th>Jumlah Pinjaman</th>
<th>Nilai Akhir</th>
<th width="15%">Rank</th>
</tr>
</thead>
<tbody>
<?php
$no = 1;

```

```

$peringkat_berhak_pinjaman = []; //
Simpan nomor 1 sampai 3 pada kolom "Rank"
dalam array ini
$nama_berhak_pinjaman = []; //
Simpan nama pemohon berhak pinjaman dalam
array ini
$jumlah = [];
foreach ($hasil_moora as $keys) {
?>
<tr align="center">
<td align="left"><? $keys-
>nama ?></td>
<td align="left">Rp <?=
number_format($keys->jumlah_pinjaman) ?></td>
<td align="left"><? $keys->nilai ?></td>
<td align="left"><? $no; ?></td>
</tr>
<?php
// Tambahkan nomor 1 sampai 3
pada kolom "Rank" dan nama pemohon ke dalam
array
//if ($no <= 3) {
$peringkat_berhak_pinjaman[] =
$no;
$nama_berhak_pinjaman[] =
$keys->nama;
$jumlah[] = $keys-
>jumlah_pinjaman;
//}
$no++;
}
?>
</tbody>
</table>

<form method="post">
<div class="row">
<div class="form-group col-md-
12">
<label class="font-
weight-bold">Batas Jumlah Dana
Pinjaman</label>
<input
autocomplete="off" type="number"
name="jumlah_pinjaman" step="100000" required
class="form-control"/>
</div>
</div>
<div class="row">
<div class="form-group col-md-
12">
<button type="submit"
class="btn btn-success"><i class="fa fa-save"></i>
Cek</button>
<button type="reset"
class="btn btn-info"><i class="fa fa-sync-alt"></i>
Reset</button>

```

```

        </div>
    </div>
</form>
<?php if(isset($_POST['jumlah_pinjaman']))){
?>
    <div class="keterangan">
        <p align="justify">Berdasarkan
perhitungan yang telah dilakukan dengan metode
MOORA dan batas jumlah dana pinjaman,
didapatkan hasil bahwa pemohon yang berhak
mendapatkan dana pinjaman koperasi adalah:
</p>
        <ul>
            <?php $total=0;
                // Tampilkan nama pemohon
yang mendapatkan peringkat 1 sampai 3 dalam
keterangan
                for ($i = 0; $i <
count($peringkat_berhak_pinjaman); $i++) {
                    $total+=$jumlah[$i];
                    if($total <=
$_POST['jumlah_pinjaman']){
                        $rank =
$peringkat_berhak_pinjaman[$i];
                        $nama =
$nama_berhak_pinjaman[$i];
                        echo "<li>$nama</li>";
                    }else{ break; }
                }
            </ul>
        </div>
    <?php } ?>
</div>
</div>
</div>

```

```

<?php
$this->load->view('layouts/footer_admin');
?>

```

Controller Laporan

```

<?php

defined('BASEPATH') OR exit('No direct script
access allowed');

class Laporan extends CI_Controller {

    public function __construct()
    {
        parent::__construct();
        $this->load->model('Perhitungan_model');
    }
}

```

```

public function index()
{
    $data = [
        'hasil_moora'=> $this-
>Perhitungan_model->get_hasil_moora(),
    ];
    $this->load-
>view('laporan', $data);
}
}

```

View Laporan

```

<!DOCTYPE html>
<html>
<head>
    <title>Sistem Pendukung Keputusan
Penerima Pinjaman Koperasi</title>
</head>
<style>
    table {
        border-collapse: collapse;
    }
    table, th, td {
        border: 2px solid black;
    }
    th {
        background-color: grey; /* Warna abu-abu
untuk kolom judul */
    }
</style>
<body>
<h4 align="center"><br>Hasil Akhir Perankingan
KPRI Sylva Lestari<br><br></h4>
<table border="1" width="100%">
    <thead>
        <tr align="center">
            <th>Nama
Pemohon</th>
            <th>Nilai Akhir</th>
            <th height="75"
width="15%">Rank</th>
        </tr>
    </thead>
    <tbody>

```

```

        $no = 1;
        $peringkat_berhak_pinjaman = []; //
Simpan nomor 1 sampai 3 pada kolom "Rank"
dalam array ini
        $nama_berhak_pinjaman = []; //
Simpan nama pemohon berhak pinjaman dalam
array ini
        foreach ($hasil_moora as $keys) {
            ?>

```

```

        <tr height="50" align="center">
            <td align="left"><?= $keys-
>nama ?></td>
            <td><?= $keys->nilai ?></td>
            <td><?= $no; ?></td>
        </tr>
        <?php
        // Tambahkan nomor 1 sampai 3
pada kolom "Rank" dan nama pemohon ke dalam
array
        if ($no <= 4) {
            $peringkat_berhak_pinjaman[] =
$no;
            $nama_berhak_pinjaman[] =
$keys->nama;
        }
        $no++;
    }
    ?>
</tbody>
</table>
    <p align="justify">Berdasarkan
perhitungan yang telah dilakukan dengan metode
MOORA, didapatkan hasil bahwa pemohon yang
berhak mendapatkan dana pinjaman koperasi
adalah: </p>
    <ul>
        <?php
        // Tampilkan nama pemohon
yang mendapatkan peringkat 1 sampai 3 dalam
keterangan
        for ($i = 0; $i <
count($peringkat_berhak_pinjaman); $i++) {
            $rank =
$peringkat_berhak_pinjaman[$i];
            $nama =
$nama_berhak_pinjaman[$i];
            echo "<li>$nama</li>";}
        ?>
    </ul>
</script>
    window.print();
</script>
</body>
</html>

```

Controller Profile

```

<?php

defined('BASEPATH') OR exit('No direct script
access allowed');

class Profile extends CI_Controller {

    public function __construct()
    {
        parent::__construct();
    }
}

```

```

$this->load->library('pagination');
$this->load->library('form_validation');
$this->load->model('Profile_model');
}

public function index()
{
    $id_user = $this->session-
>userdata('id_user');
    $profile = $this-
>Profile_model->show($id_user);
    $data = [
        'page' => "Profile",
        'profile' =>
$profile
    ];
    $this->load->view('Profile/index', $data);
}

public function update($id_user)
{
    $id_user = $this->input->post('id_user');
    $data = array(
        'nama' =>
$this->input->post('nama'),
        'email' => $this->input->post('email'),
        'username' => $this->input-
>post('username'),
        'password' => md5($this->input-
>post('password'))
    );
    $this->Profile_model->update($id_user,
$data);
    $this->session->set_flashdata('message',
'<div class="alert alert-success" role="alert">Data
berhasil diupdate!</div>');
    redirect('Profile');
}
}

```

Model Profile

```

<?php

defined('BASEPATH') OR exit('No direct script
access allowed');

class Profile_model extends CI_Model {

    public function show($id_user)
    {
        $this->db->where('id_user', $id_user);
        $query = $this->db->get('user');
        return $query->row();
    }
}

```

```

    }

    public function update($id_user, $data = [])
    {
        $ubah = array(
            'email' => $data['email'],
            'nama' =>
                $data['nama'],
            'username' => $data['username'],
            'password' => $data['password']
        );

        $this->db->where('id_user', $id_user);
        $this->db->update('user', $ubah);
    }
}

```

View Profile

```

<?php $this->load->view('layouts/header_admin');
?>

```

```

<div class="d-sm-flex align-items-center justify-
content-between mb-4">
    <h1 class="h3 mb-0 text-gray-800"><i class="fas
fa-fw fa-user"></i> Data Profile</h1>
</div>

```

```

<?= $this->session->flashdata('message'); ?>

```

```

<div class="card shadow mb-4">
    <div class="card-header py-3">
        <h6 class="m-0 font-weight-bold text-info"><i
class="fas fa-fw fa-edit"></i> Edit Data
Profile</h6>
    </div>

```

```

        <?php echo
form_open('Profile/update/'. $profile->id_user); ?>
        <div class="card-body">
            <div class="row">
                <?php echo
form_hidden('id_user', $profile->id_user) ?>
                <div
class="form-group col-md-6">
                    <label
class="font-weight-bold">E-Mail</label>
                    <input
autocomplete="off" type="email" name="email"
value="<?php echo $profile->email ?>" required
class="form-control"/>
                </div>
                <div
class="form-group col-md-6">
                    <label
class="font-weight-bold">Username</label>

```

```

                    <input
autocomplete="off" type="text"
name="username" value="<?php echo $profile-
>username ?>" required class="form-control"/>
                </div>
            </div>
            <div
class="form-group col-md-6">
                <label
class="font-weight-bold">Password</label>
                <input
autocomplete="off" type="password"
name="password" required class="form-control"/>
            </div>
            <div
class="form-group col-md-6">
                <label
class="font-weight-bold">Nama Lengkap</label>
                <input
autocomplete="off" type="text" name="nama"
value="<?php echo $profile->nama ?>" required
class="form-control"/>
            </div>
        </div>
        <div class="card-footer text-
right">
            <button type="submit" class="btn btn-
success"><i class="fa fa-save"></i>
Update</button>
            <button type="reset" class="btn btn-
info"><i class="fa fa-sync-alt"></i> Reset</button>
        </div>
        <?php echo form_close() ?>
    </div>

```

```

<?php $this->load->view('layouts/footer_admin');
?>

```

Controller User

```

<?php

defined('BASEPATH') OR exit('No direct script
access allowed');

class User extends CI_Controller {

    public function __construct()
    {
        parent::__construct();
        $this->load->library('pagination');
        $this->load->library('form_validation');
        $this->load->model('User_model');

        if ($this->session->userdata('id_user_level')
            != "1") {

```

```

?>
<script
type="text/javascript">
    alert('Anda tidak berhak mengakses
halaman ini!');
    window.location='<?php echo
base_url("Login/home"); ?>'
</script>
<?php
    }
}

public function index()
{
    $data = [
        'page' =>
"User",
        'list' => $this->User_model->tampil(),
        'user_level' => $this->User_model-
>user_level()

    ];
    $this->load->view('user/index', $data);
}

public function create()
{
    $data['page'] = "User";
    $data['user_level'] =
$this->User_model->user_level();
    $this->load->view('User/create', $data);
}

public function store()
{
    $data = [
        'id_user_level'
=> $this->input->post('privilege'),
        'nama' =>
$this->input->post('nama'),
        'email' =>
$this->input->post('email'),
        'username' =>
$this->input->post('username'),
        'password' =>
md5($this->input->post('password'))
    ];

    $this->form_validation-
>set_rules('email', 'email', 'required');
    $this->form_validation-
>set_rules('privilege', 'ID User Level', 'required');
    $this->form_validation-
>set_rules('username', 'Username',
'required|is_unique[user.username]');

```

```

        $this->form_validation-
>set_rules('password', 'Password', 'required');

        if ($this-
>form_validation->run() != false) {
            $result = $this-
>User_model->insert($data);
            if ($result) {
                $this-
>session->set_flashdata('message', '<div
class="alert alert-success" role="alert">Data
berhasil disimpan!</div>');
                redirect('User');
            }
        } else {
            $this->session-
>set_flashdata('message', '<div class="alert alert-
danger" role="alert">Data gagal disimpan!</div>');
            redirect('User/create');
        }
    }

    public function show($id_user)
    {
        $User = $this->User_model-
>show($id_user);
        $user_level = $this->User_model-
>user_level();
        $data = [
            'page' =>
"User",
            'data' => $User,
            'user_level' => $user_level
        ];
        $this->load->view('User/show', $data);
    }

    public function edit($id_user)
    {
        $User = $this->User_model-
>show($id_user);
        $user_level = $this->User_model-
>user_level();
        $data = [
            'page' => "User",
            'User' =>
$User,
            'user_level' => $user_level
        ];
        $this->load->view('User/edit', $data);
    }
}

```

```

public function update($id_user)
{
    // TODO: implementasi update data
    berdasarkan $id_user
    $id_user = $this->input->post('id_user');
    $data = array(
        'page' => "User",
        'id_user_level'
=> $this->input->post('privilege'),
        'nama' =>
$this->input->post('nama'),
        'email' => $this->input->post('email'),
        'username' => $this->input-
>post('username'),
        'password' => md5($this->input-
>post('password'))
    );

    $this->User_model->update($id_user,
    $data);
    $this->session->set_flashdata('message',
    '<div class="alert alert-success" role="alert">Data
    berhasil diupdate!</div>');
    redirect('User');
}
public function destroy($id_user)
{
    $this->User_model->delete($id_user);
    $this->session->set_flashdata('message',
    '<div class="alert alert-success" role="alert">Data
    berhasil dihapus!</div>');
    redirect('User');
}
}
}

/* End of file Kategori.php */

```

Model User

```

<?php

defined('BASEPATH') OR exit('No direct script
access allowed');

class User_model extends CI_Model {

    public function tampil()
    {
        $query = $this->db->get('user');
        return $query->result();
    }

    public function getTotal()
    {
        return $this->db->count_all('user');
    }
}

```

```

public function insert($data = [])
{
    $result = $this->db->insert('user', $data);
    return $result;
}

public function show($id_user)
{
    $this->db->where('id_user', $id_user);
    $query = $this->db->get('user');
    return $query->row();
}

public function update($id_user, $data = [])
{
    $ubah = array(
        'id_user_level' => $data['id_user_level'],
        'email' => $data['email'],
        'nama' =>
    $data['nama'],
        'username' => $data['username'],
        'password' => $data['password']
    );

    $this->db->where('id_user', $id_user);
    $this->db->update('user', $ubah);
}

public function delete($id_user)
{
    $this->db->where('id_user', $id_user);
    $this->db->delete('user');
}

public function get_user()
{
    $query = $this->db->get('user');
    return $query->result();
}

public function user_level()
{
    $query = $this->db->get('user_level');
    return $query->result();
}
}

/* End of file Kategori_model.php */

```

View User

```

<?php $this->load->view('layouts/header_admin');
?>

<div class="d-sm-flex align-items-center justify-
content-between mb-4">
    <h1 class="h3 mb-0 text-gray-800"><i class="fas
fa-fw fa-users-cog"></i> Data User</h1>

```

```

    <a href="<? = base_url('User/create'); ?>"
    class="btn btn-success"> <i class="fa fa-plus"></i>
    Tambah Data </a>
</div>

```

```

<? = $this->session->flashdata('message'); ?>

```

```

<div class="card shadow mb-4">
    <!-- /.card-header -->
    <div class="card-header py-3">
        <h6 class="m-0 font-weight-bold text-info"><i
class="fa fa-table"></i> Daftar Data User</h6>
    </div>

```

```

    <div class="card-body">
        <div class="table-responsive">
            <table class="table
table-bordered" id="dataTable" width="100%"
cellspacing="0">
                <thead
class="bg-info text-white">
                    <tr
align="center">
                        <th width="5%">No</th>
                        <th>Nama</th>
                        <th>E-mail</th>
                        <th>Username</th>
                        <th>Level</th>
                        <th width="15%">Aksi</th>
                    </tr>
                </thead>
                <tbody>
                    <?php

```

```

                    $no=1;
                    foreach ($list as $data => $value) { ?>
                        <tr
align="center">
                            <td><?=$no ?></td>
                            <td><?php echo $value->nama ?></td>
                            <td><?php echo $value->email ?></td>
                            <td><?php echo $value->username
?></td>
                            <td>
                                <?php

```

```

                    foreach ($user_level as $k) {
                        if($k->id_user_level == $value-
>id_user_level){
                            echo $k->user_level;
                        }
                    }
                </td>
            </tr>
        </tbody>
    </table>
    <div class="btn-group"
role="group">
        <a data-toggle="tooltip"
data-placement="bottom" title="Detail Data"
href="<? = base_url('User/show/'. $value-
>id_user) ?>" class="btn btn-primary btn-sm"><i
class="fa fa-eye"></i></a>
        <a data-toggle="tooltip"
data-placement="bottom" title="Edit Data"
href="<? = base_url('User/edit/'. $value-
>id_user) ?>" class="btn btn-warning btn-sm"><i
class="fa fa-edit"></i></a>
        <a data-
toggle="tooltip" data-placement="bottom"
title="Hapus Data"
href="<? = base_url('User/destroy/'. $value-
>id_user) ?>" onclick="return confirm ('Apakah
anda yakin untuk meghapus data ini')" class="btn
btn-danger btn-sm"><i class="fa fa-
trash"></i></a>
    </div>
</td>
</tr>
<?php

```

```

<?php $this->load->view('layouts/footer_admin');
?>

```