

# **MOBILE APPS VALIDATION SYSTEM 2.0**



## **FINAL PROJECT**

**Prepared to Meet Requirements to Complete Research  
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## **MOTTO**

*“Education is the passport to the future, for tomorrow belongs to those who  
prepare for it today”*

**[Malcolm X]**

*“Indeed, after hardship there is ease”*

**[Q.S. Al-Insyirah: 6]**

*“Freedom is the beginning of all great things for the future”*

**[Muhammad Alif]**

Dedicated to:

- ❖ Both Beloved Parents
  - ❖ Alma Mater
  - ❖ Supervisor
- ❖ 8 MIG Classmates

## ABSTRAK

Proyek ini berfokus pada pengembangan sistem validasi aplikasi android dengan menggunakan metode machine learning. Saat ini, validasi aplikasi seluler memainkan peran penting dalam memastikan kualitas, keamanan, dan kepercayaan pengguna. Seiring dengan berkembangnya pasar aplikasi seluler, kebutuhan akan sistem validasi yang kuat menjadi semakin penting. Sistem validasi aplikasi seluler terdiri dari kerangka kerja komprehensif yang mencakup berbagai tahap perizinan pengembangan aplikasi. Sistem ini menggabungkan kombinasi alat otomatis, tinjauan manual, dan umpan balik pengguna untuk menilai fungsionalitas, keamanan, dan kualitas aplikasi seluler secara keseluruhan. Dengan demikian, masalah privasi, dan perilaku jahat dapat diidentifikasi. Selain itu, pemeriksaan manual oleh pengulas berpengalaman mengevaluasi fitur dan izin, memastikan kepatuhan dengan pedoman platform dan meningkatkan pengalaman pengguna secara keseluruhan.

**Kata Kunci:** *aplikasi berasaskan web*

## **ABSTRACT**

*This project focuses on developing an android app validation system by using machine learning methods. Nowadays, Mobile app validation plays an important role in ensuring quality, security and user trust. As the mobile app market expands, the need for a robust validation system becomes increasingly important. A mobile app validation system consists of a comprehensive framework that covers various permission stages of app development. The system incorporates a combination of automated tools, manual reviews, and user feedback to assess the functionality, security, and overall quality of a mobile app. Through which privacy issues, and malicious behaviour can be identified. Additionally, manual checks by experienced reviewers evaluate features and permissions, ensuring compliance with platform guidelines and improving the overall user experience.*

**Keywords:** *web-based application*

## FOREWORD

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## TABLE OF CONTENTS

MOTTO .....	i
ABSTRAK .....	ii
<i>ABSTRACT</i> .....	iii
FOREWORD .....	iv
TABLE OF CONTENTS .....	vi
LIST OF FIGURES .....	x
CHAPTER I INTRODUCTION .....	1
1.1 Introduction .....	1
1.2 Project Background .....	1
1.3 Problem Identification .....	2
1.4 Objectives .....	3
1.5 Significance .....	3
1.6 Scope .....	4
1.6.1 System .....	4
1.6.2 User .....	4
1.7 Assumptions and Limitations .....	5
1.7.1 Assumptions .....	5
1.7.2 Limitations .....	5
CHAPTER II LITERATURE REVIEW .....	2
2.1 Review of Current Situation .....	2
2.2 Review of Related Literature .....	2
2.2.1 Data Collection .....	2
2.2.2 Data Collection .....	3



2.2.3	Data Collection.....	4
2.2.4	Data Collection.....	4
2.2.5	Data Collection.....	5
2.2.6	Data Collection.....	6
2.2.7	Data Collection.....	7
2.2.8	Data Collection.....	7
2.2.9	Data Collection.....	8
2.2.10	Data Collection.....	9
2.3	Review of Related Product.....	9
2.3.1	Malwarebytes .....	9
2.3.2	Bitdefender Mobile Security .....	10
2.3.3	AVG Antivirus and Security .....	11
CHAPTER III METHODOLOGY .....		13
3.1	Introduction .....	13
3.2	Project Methodology .....	13
3.2.1	Define Project Requirements. ....	14
3.2.2	Prototype .....	14
3.2.3	Rapid Construction and Feedback Gathering .....	14
3.2.4	Finalize Product or Implementation.....	14
3.3	Software and Hardware Requirement .....	15
3.3.1	Table of Software Requirement .....	15
3.3.2	Table of Hardware Requirement.....	15
3.4	System Design & Modelling .....	16
3.4.1	Use Case Diagram.....	16
3.4.2	Activity Diagram.....	17

3.4.2.1	Activity Diagram Mobile Apps Validation .....	18
3.4.3	Sequential Diagram .....	19
3.4.3.1	Sequential Diagram Mobile Apps Validation System .....	19
3.4.4	Interface Design .....	20
BAB IV FINDINGS AND DISCUSSION .....		23
4.1	Overview .....	23
4.2	Project Findings.....	23
CHAPTER V CONCLUSIONS AND RECOMMENDATIONS .....		27
5.1	Introduction .....	27
5.2	Project Contribution .....	27
5.3	Result Discussion .....	28
5.4	Future Work .....	28
5.5	Conclusion .....	28
BIBLIOGRAPHY .....		30
LISTING CODE .....		41

## LIST OF TABLES

Table 3.1 Software Requirement.....	15
Table 3.2 Hardware Requirement .....	15

## LIST OF FIGURES

Figure 2.1 ProjectManager Dashboard Display .....	9
Figure 2.2 Bitdefender Mobile Security Display .....	10
Figure 2.3 Time Tracking Display .....	11
Figure 3.1 Web Development Life Cycle Flow .....	13
Figure 3.2 Use Case Diagram .....	17
Figure 3. 3 Activity Diagram .....	18
Figure 3. 4 Sequential Diagram Mobile Apps Validation.....	19
Figure 3.5 Home Page.....	20
Figure 3. 6 Validation Process .....	21
Figure 3.7 Result Validation System .....	22
Figure 4.1 Home Page.....	23
Figure 4.2 Form Validation System.....	24
Figure 4.3 Prediction Result Safe.....	25
Figure 4.4 Prediction Result Malware .....	26