

ABSTRAK
DIGITALISASI AKSARA ULU PASEMAH SEBAGAI UPAYA
PELESTARIAN BUDAYA LOKAL MELALUI *PLATFORM* KAMUS
DIGITAL BERBASIS *PROGRESSIVE WEB APPS* (PWA)

(Measy Anjani 2026: 82 Halaman)

Aksara Ulu Pasemah merupakan warisan budaya lokal yang perlu dilestarikan melalui pemanfaatan teknologi digital. Penelitian ini bertujuan mengembangkan Kamus Digital Aksara Ulu Pasemah berbasis Progressive Web Apps (PWA) sebagai media digitalisasi, dokumentasi, dan pelestarian budaya lokal. Pengembangan aplikasi dilakukan menggunakan metode Hybrid Waterfall dan Multimedia Development Life Cycle (MDLC). Aplikasi yang dihasilkan menyediakan fitur Aksara Dasar, Tanda Ejaan Aksara, Kamus Digital, Transliterasi, serta pengelolaan data kosakata oleh administrator. Pengujian menggunakan metode Black Box Testing menunjukkan seluruh fitur berfungsi dengan baik dengan tingkat keberhasilan 100%. Validasi oleh ahli bahasa dan ahli budaya memperoleh nilai rata-rata 98% dengan kategori Sangat Layak. Hasil penelitian menunjukkan bahwa aplikasi yang dikembangkan layak digunakan sebagai sarana digitalisasi dan pelestarian Aksara Ulu Pasemah.

Kata Kunci: Aksara Ulu Pasemah, Kamus Digital, Progressive Web Apps, Digitalisasi, Pelestarian Budaya.

ABSTRACT
**DIGITALIZATION OF THE ULU PASEMAH SCRIPT AS AN EFFORT TO
PRESERVE LOCAL CULTURE THROUGH A PROGRESSIVE WEB APP
(PWA)-BASED DIGITAL DICTIONARY PLATFORM.**

(Measy Anjani 2026: 82 Pages)

Ulu Pasemah Script is a local cultural heritage that needs to be preserved through the utilization of digital technology. This study aims to develop a Digital Dictionary of Ulu Pasemah Script based on Progressive Web Apps (PWA) as a medium for the digitalization, documentation, and preservation of local culture. The application was developed using the Hybrid Waterfall and Multimedia Development Life Cycle (MDLC) methods. The resulting application provides features such as Basic Scripts, Script Punctuation Marks, Digital Dictionary, Transliteration, and vocabulary management for administrators. Testing using the Black Box Testing method showed that all features functioned properly with a success rate of 100%. Validation by language and cultural experts obtained an average score of 98%, categorized as Highly Feasible. The results indicate that the developed application is suitable for use as a tool for the digitalization and preservation of Ulu Pasemah Script.

Keywords: *Ulu Pasemah Script, Digital Dictionary, Progressive Web Apps, Digitalization, Cultural Preservation.*