

ABSTRACT

This Final Project aims to develop RegisT Technician Mobile, a mobile-based information system designed to assist technicians in managing work schedules, updating task statuses, and recording work history in a more efficient and structured manner. The application addresses common issues faced by technicians, such as delayed information, manual recording errors, and lack of task transparency. The development process consists of user needs analysis, user interface design, implementation of core features, and system testing using the black box method based on predefined acceptance criteria. Tools used include mobile application development frameworks and UI design tools. The main features of the application include Dashboard, Task List, Detail Task, History, Calendar, and Notification, all integrated to enhance coordination between technicians and schedulers. Testing results indicate that all features function according to specifications and successfully improve task efficiency and data accuracy. This application is expected to serve as an effective solution for supporting digital task management for technicians.

Keywords: Mobile Application, Technician, Information System, Task Management, RegisT Technician Mobile, Black box Testing