ABSTRACT

DIGITALIZING LOGISTIC SUPPLY MANAGEMENT USING SCRUM METHOD BASED ON ANDROID

by

Jonathan Indra Chelidivano 20102289

The learning system at Telkom Purwokerto Institute of Technology includes lectures and soft skills learning through student organization activities. These activities are supported by adequate facilities and infrastructure. However, the current manual process for providing these resources leaves students without real-time information on the availability of goods in the Logistics section. To address this issue, an Android-based mobile application was designed to offer goods lending services with real-time availability updates. The design process utilized the Scrum method, starting from system requirements classification to design. The application was tested for functionality using the Blackbox testing method with two software engineering experts, resulting in a feasibility percentage of 98.08%, indicating that the logistics lending application is highly feasible for use.

Keywords : Logistic, Supply, Android, Scrum.