

UNIVERSITI TEKNOLOGI MARA

**A STUDY ON LEVERAGING MOBILE
TECHNOLOGY TO IMPROVE PROJECT
MONITORING EFFECTIVENESS IN
TERENGGANU ECONOMY PLANNING UNIT**

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ABSTRACT

The study investigates on leveraging mobile application technology as a solution to improve project monitoring effectiveness in Terengganu State Economic Development Unit. Government agencies under Terengganu State implementing development project and it is important to keep track of people, financial and activities in order to monitor the projects' progress and ensure that the activities are carried out as planned. However, there is no mobile application being utilized to record, monitor and track project progress from anywhere. The aim of the study is to build a mobile application prototype that will improve project monitoring effectiveness, while the objective is to evaluate usage on leveraging mobile technology to support project monitoring activities. In order to develop mobile application, Mobile Application Development Life Cycle (MADLC) method was implemented in this study. Together, the study presented an evaluation of post study for mobile application usability in term of the effective outcome to improve project monitoring and tracking of development project. The results of this study is a mobile application that able to collect real time data and effectively provide information such as real time project progress and tracking. The mobile application prototype and related architecture design documented in this study can be used as a reference in government agencies that executes development project and requires mobile application platform as a tool to support development project monitoring.

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