

IMPLEMENTATION OF TRAIN SCHEDULE INFORMATION SYSTEM USING PHONEGAP ON SMARTPHONE PLATFORM

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Abstract

The world of mobile development is a mess. Build applications for each device iPhone, Android, Windows Mobile and many more - need a framework and a different language. That requires a mobile development framework that can unify different coding languages. PhoneGap is one of the mobile development framework that can develop applications on multiple platforms with a single source code.

In this Final Project will be build a train schedule information system, on a mobile application using PhoneGap, and using jQuery mobile to parsing the information from the web server of PT Kereta Api.

From the test results using PhoneGap implementations, applications can work well on a variety of smartphone operating systems. Weaknesses of PhoneGap based applications lies in the requires of memory usage approximately 20MB. For parsing the data to a server using jQuery mobile obtained an average yield of the device takes about 3 seconds.

Keywords: PnoneGap, JQuery mobile, Train Schedule.