Title: Multi-platform Mobile System for RJ Homes Appliance Plaza using Sencha Framework

Authors: Rualdner D. Jimenez, Jay Mark R. Resurrecion, Fluer Dyan T. Fernandez

ABSTRACT

Technology is widely used in the field of business. Computers, mobile phones and other gadgets are helpful in any kind of business. Online shopping is one strategy that would help selling business to increase its profit. RJ Homes Appliance Plaza is one of these kinds of business. The company sells different kind of appliance like television, refrigerators, washing machine and many more. Currently, the company cannot be easily access in the internet since they don't have a website yet. The purpose of this study is to develop an online e-commerce application which runs on the smartphones of the customers for RJ Homes.

This project is an application which allows the customers of RJ Homes to shop appliances using smartphones. This study provides the customers a convenience in shopping since it will allow customers to buy products even when they are at home.

This application runs on phones with Android and iOS operating system. It allows the customers to view and buy product online and pay online. The application uses PayPal as the payment gateway for secure payment transaction. It generates a sales graph monthly and yearly for the benefit of the company and it has a viewing of the installment plan detail online.

This application will run on any web browsers and any resolution since it is responsive. It runs on Android operating system with at least ice cream sandwich 4.0 version and has 1GB RAM and 2GB internal memory.