Canteen Virtual Shop (MWH3-15)

Kwok, Ka Chun
Kwok, King Shing
Yap, Hei Lok

Professor Mow, Wai Ho

Overview
This canteen virtual shop provides pre-ordering function in websites and mobile application. This is able to reduce the queuing time during ordering food. Also, it contains functions which related to healthy life style as it is becoming more important to customers. This application definitely proposes a new experience for dining.

Objectives
Create a catering mobile application and webpage:
- Eliminate queuing time
- Eliminate payment time
- Promote healthy dining habits

System Block Diagram
- Administrators:
  1. Manage the menu
  2. Review daily order record
  3. Review sale statistics
  4. Review number of food sold
  5. Modify food preparation time
- Customers:
  1. Being recommended food items
  2. Edit their own profile
  3. Being provided different types of food menus
  4. Immediate ordering or Pre-ordering
  5. Being estimated the time to get food

Methodology
- Design the Android Application interface by Eclipse
- Design the program by JavaScript and PHP
- Set-up the server and MySQL database in ‘Biz.nf Hosting’

Results

Figure 2 shows the whole system that consists of three main parties: Mobile Devices from users, Server and the canteen shop. Users can order food by using food ordering application which transfer the data to server. The server will further transfer the data to the system in the canteen shop.

The canteen virtual shop is implemented in website and also in Android application. This contains different functions which can benefit the customers to eliminate the queuing time and cash payments time by using our online food ordering system in their own mobile devices. This can also benefit the customers who concern their health as the system provide different types of healthy menus.