Food Court Management System (FCMS)

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Abstract

The proliferation of digital revolutions, the rise of social network, telecommunications and mobile technology, transition of manual to digital process become integral part of every industry. In the era of globalization, efficient communication is the core of every software project.

This dissertation aims to analyses the approach, work flow and implement the digital process in food court which is generally an indoor plaza or common area within a facility that is contiguous with the counters of multiple food vendors and provides a common area for self-serve dining.

The digitalization of food court management aims to tackle common problems of manual process, improve work flow and eliminate human errors. The system is essentially designed to improve communication between clients and its' target consumers by implementing multi-platform interfaces such as web application (mobile friendly), desktop/terminal service and mobile application.

The system enable client (trader) with content management system (CMS) features for menu management, user right privileges and other administrative tasks. Consumer will also be benefited from multi-platform accessibility; interactive menu search and user defined order pick up time functionality. Though, Mobile apps and Terminal support application for consumers will be as part of the future development.

The project utilize Agile mythology approach with following resources such as HTML5, CSS3, JavaScript, PHP, MySQL Database, Dreamweaver CS5 and NetBean 8.0.2.

Additionally it is designed to integrate with third party components such as online multi-functional SMS platform and secure online payment processing service.

Attestation

I understand the nature of plagiarism, and I am aware of the University's policy on this.

I certify that this dissertation reports original work by me during my University project except for the following:

The comparison for business case and table associated with this is Section 3 was largely taken form [1], [2], [3],[4],[5],[6],[7], [12] and [13].

The server side technologies review in Section 5.3 was taken from [14].

The code used for the customer side pages design was developed by using bootstrap framework. [9].

Signature **Date 11/Sep/2015**