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Mobile Based Restaurant Reservation System

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August 2011

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DECLARATION

I declare that this thesis is my own work and has not been submitted in any form for another degree or diploma at any university or other institution of tertiary education. Information derived from the published or unpublished work of others has been acknowledged in the text and a list of references is given.

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ABSTRACT

At present, growth of Information and Communication Technology is significant all over the world. The Internet usage is gradually increasing due to the advancement of technology. WEB is available anywhere at any time. There is no limitation to access the World Wide Web through personal computers. It can be accessed by using mobile devices, such as Pocket PCs, mobile phones, and so on. Hence, the web base applications are very popular in these days. It is used in areas, such as e-learning, online banking, online order handling, shopping carts and etc...In this project it is going to implement an online order handling system for mobile users.

By using this proposed system, consumers have the ability to make reservations through the mobile devices other than personal computers. This system will provide adequate functionalities to the consumers to track the status of the order successfully from start to the end. Some of major system functionalities are selecting menu, placing orders, settling bills etc.

Now-a-days WAP is a popular, widely used technology. The implemented system uses WAP which can be easily handled by any kind of a mobile device.

The system administrators can generate MIS reports to get measurements on business status. So they will be able to identify consumer behaviors such as most consumed and popular (demanded) food items and other preferences. Even they can forecast, generate profit and loss statements, change food production chain etc.

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ABBREVIATIONS

WAP	Wireless Application Protocol
GPRS	Global Packet Radio Service
RAM	Random Access memory
SQL	Structured Query Language
UML	Unified Modeling Language
RDBMS	Relational Database Management System
OOAD	Object Oriented Analysis & Design
WML	Wireless Mark-up Language
HTML	Hyper Text Mark-up Language
ER	Entity Relationship
HCI	Human Computer Interaction



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