SRI LANKA INSTITUTE OF ADVANCED TECHNOLOGICAL EDUCATION

Higher National Diploma in Information Technology

HNDIT 2404
Project (Individual)

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Web Based Food Ordering System

Software Requirement Specification (SRS)

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KUR/IT/2020/F/0023

Contents

1. Introduction

The purpose of this document is to describe overall system. This document will explain the purpose and features of the system, the interface of the system, how the system will work, the limitations and the output of the system.

2. Scope of Project

This system will help to manage and run the restaurant business systematically. This management system, can be used by the customers to order food. This will save customer's time and effort from standing in lines. Customers can also make payment through debit or credit cards which will be integrated with the web application.

3. Functional Requirement Description

In this requirements section of web based food ordering system we define the identified functional requirements.

3.1 Use case: Manager Registration

Use case Number	1
Use case Name	Registration
Actor	Manager
Overview	Manager can register with system to sell foods
Pre-condition	Register with the system as manager
Description	1. Enter credentials
	2. Click register button

3.2 Use case: Customer Registration

Use case Number	2
Use case Name	Registration
Actor	Customer
Overview	Customer can register with system to order foods
Pre-condition	Register with the system as customer
Description	1. Enter credentials
	2. Click register button

3.3 Use case: Manager Login

Use case Number	3
Use case Name	Manager Login
Actor	Manager
Overview	Manager can access the full system and update system.
Pre-condition	Log in to the system as manager
Description	1. Enter username
	2. Enter password
	3. Click login button

3.4 Use case: Customer Login

Use case Number	4
Use case Name	Customer Login
Actor	Customer
Overview	Customer can access the functions which are relatable to customer.
Pre-condition	Log in to the system as customer
Description	1. Enter username
	2. Enter password
	3. Click login button

3.5 Use case: Order Food

Use case Number	5
Use case Name	Order Food
Actor	Customer
Overview	Customer can order food
Pre-condition	Log in to the system as customer
Description	1.Click on order now
	2. Make payment

3.6 Use case: Add food

Use case Number	6
Use case Name	Add food
Actor	Manager
Overview	Manager can add food
Pre-condition	Log in to the system as manager
Description	1. Add food item

3.7 Use case: Make Payment

Use case Number	7
Use case Name	Make payment
Actor	Customer
Overview	Customer can make payment after checkout
Pre-condition	Log in to the system as customer
Description	1. Order food
	2. Make payment

3.8 Use case: Delete Food Item

Use case Number	8
Use case Name	Delete food item
Actor	Manager
Overview	Manager can delete food item
Pre-condition	Log in to the system as customer
Description	1. Select the food item which is want to delete
	2.Click on delete

3.9 Use case: View Order

Use case Number	9
Use case Name	View order
Actor	Manager
Overview	Manager can view order
Pre-condition	Log in to the system as manager
Description	1.View order

3.10 Use case: Add Restaurant	
Use case Number	10
Use case Name	Add restaurant
Actor	Manager
Overview	Manager can add restaurant
Pre-condition	Log in to the system as manager
Description	1. Add restaurant by entering needed details

4. Non-functional Requirements.

4.1 Maintainability

A system must be capable of being maintained cost effectively.

4.2 Reliability

Provided details of the information about customers should be accurate.

4.3. Efficiency

The web application should be response within minimum time period.

4.4 User friendliness

This web application is used by people of different intelligence levels so it should be easy for everyone to understand.

4.5 Security

The sensitive information must be keep securely and administrator should be responsible for that.

5. Feasibility Study

When I conducting feasibility study, I able to identify a problem with food ordering system. I planned a web-based application for food ordering system. Objective of this project is creating an online Platform to have solutions for the issues and discomforts, arising while ordering food. And also, we hope to give a better experience to persons who are managing restaurants. The main aim of feasibility study is, to identify Solutions for above mentioned Problems.

Along with this feasibility study it helps to identify the risk factors and deploy the system involved in planning to develop the risk analysis.

5.1 Technical Feasibility

This technical feasibility study gives you a report above we used the technologies to develop our system as suited to our client's. I am using HTML, CSS and Bootstrap requirements. For front end and my SQL, PHP for back end.

So then we are capable of developing this web application using the above front end and back end tools.

5.2 Operational feasibility

In operational feasibility degree of providing service to requirement is analyzed along with how much easy product will be to operate and maintenance after development. We just got to know about the nature of the operation by our client. And then I decided to design and develop the site as per the requirements. Customer can handle the site easily. Then it is concluded that the system is operationally feasibility.