



SOFTWARE REQUIREMENTS SPECIFICATIONS

For

NITK NIGHT CANTEEN

Version 1.0 approved

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Revision History

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1.Introduction

1.1 Purpose

The purpose of the document presents detailed explanation of objectives, features, user interface and application of Nitk night canteen manager. It will also describe how the system will perform and under which it must operate. Both stakeholders and developers of this system are benefitted.

1.2 Scope

Nitk Night Canteen Manager : It is a kind of online food ordering process system . Online food ordering is a process of food delivery or takeout from our night canteens through a website. Much like ordering consumer goods online , this service allows students to keep accounts with them in order to make frequent ordering convenient . It is a type of choose from available items and canteens that the admin posted.

This website is used by NITK students to order food from night canteens . Using this website student gets a clear picture of what all night canteens are available and the food items that are provided by the respective canteens .

1.3 Intended Audience and Overview

This document is intended for different types of readers such as night canteen owner, system designer, developer and tester. By reading this document reader gets basic view of the application. This NITK NIGHT CANTEEN MANAGER is a software package facilitating the order of food with in our college.

The student is able to view various night canteens , view the menu , place orders online and organize the final bill through the website .

Students are provided with an attractive and easy-to-use surface GUI. It was a password protected which ensures the security of the personal details of an user.

2. Overall Description

2.1 Product Perspective

This webpage has been developed in order to save time and and to make no errors .It can be considered as a mix of several applications functions.

2.2 Product Functions

The NITK NIGHT CANTEEN System would have the following basic functions:

WEB ordering system module:

This module provides the functionality for students to place their orders and supply necessary details. Users of the system namely students, must provide the following functionalities .

- Create an account.
- Login to their system.
- Navigate the canteen menu.
- Select an item from menu.
- Add an item to the cart.
- Place order
- View order details.
- Receive confirmation in the form of an order number.

Order retrieval system module:

It is designed to be used only by canteen owner, and provides the following functions :

- Retrieve new orders from database.
- Display the food orders in an easily readable,graphical way.

2.3 User Characteristics

The primary user group of this website shall be the students who order food from canteens and the owners of the night canteens next to them since they were less in number.

So,the secondary users shall be the owners.

The owners can take the advantage of saving time and can avoid phone calls providing the ordering online smoothly an easy process. The owners just need to update the prices of items and items menu through admin access.

2.4 Constraints

The application runs on the devices which supports browsers like firefox , google etc., which supports web.The user should have an active internet connection while using the website.

2.5 Assumptions and Dependencies

Assumptions are students cannot login to database. Users should have good internet connection.And users know how to use these websites like having little experience and knowledge in using web services.The canteen owners are dependent on admin

for updating details. Assumed students are from nitk. Payment is made at the time of delivery.

3. External Interface Requirements

3.1 User Interfaces

At first the user need to goto the webpage . He can see signup or login option . The user need to sign up for the first time and then onwards the user can login directly providing his username(roll no) and password.

On successful login the user can click on the night canteens .

Various night canteens are displayed and he can click on respective night canteen and can view the menu and an option on side of each item (pick) along with price. On clicking the pick option the item will be selected and added to the cart .

On clicking the cart button user can view the items the user wants to check out .And there is a counting process automatically on adding items to the cart(total bill).

3.2 Hardware Interface

Web applications can have any designated hardware, it does not have any direct hardware interfaces. The hardware connection to the database server is managed by the underlying operating system and the web server.

3.3 Software Interfaces

The software interface plays vital role in the interaction between the user and system . Interfaces are made as simple as possible for smooth interaction between the user and system . Proper security measures will be implemented to avoid the failure of the interfaces . Platform used is browser. Platform used is browser.

3.4 Communications Interfaces

The communication between the different parts of the system is important since they depend on each other. However, in what way the communication is achieved is not important for the system and is therefore handled by the underlying operating systems for the web portal.