**Online Application Title: ANNAPURNA (Swad Aapulkicha).**

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**SRS Document:**

**Purpose of Project:**

To develop a web-based online food delivery system that allows users to order food from restaurants and have it delivered to their location. This document contains the complete software requirements for online Food delivery system. It describe the design decisions, architectural design needed to implement the food delivery system. It provides the visibility in design and provide information needed for software support.

**Scope of project:**

The system will include a user-facing website and a back-end administration panel for managing orders and restaurant inventory along with delivery person.

Users of the system: Customers and restaurant staff and delivery person

**Definition:**

UML- Unified Modelling Language

SRS- Software Requirement Specification

GUI- Graphical User Interface

DFD-Data Flow Diagram

**Overview:**

This system provides an easy way for customers to view and order the various cuisines. Restaurant staff to manage their food orders and deliver the food with help of delivery persons.

**Overall Description:**

The online food portal enables restaurants (system user) to showcase their cuisines online, customers to browse through portal can buy the food.

**Product Perspective**:

This product aimed towards a person who don’t want to visit the restaurants but want to taste the food in his home or office etc. She/he can use the web application for ease.

**User Characteristics**:

User should be familiar with the terms like login, register etc.

**Principle Actors**:

System User, Restaurant Managers, Delivery Persons.

**General Constraints**:

A full internet connection is required.

**Assumptions and Dependencies**:

Working of Annapurna food Portal need Internet Connection.

**Functional Requirement:**

**1. Registration**

If customer wants to purchase meals, then he/she must be register. Unregistered user can only view the food portal.

**2. Login**

Customer logins to the system by entering valid user id and password for the orders. After login the system will allow customers to place orders and make payments online.

**3. Restaurants**

The system will allow restaurants to update their menus and inventory in real-time. The system will allow restaurants to view and process orders. New restaurants can join the food chain.

**4. Delivery Person**

The system will allow person to register themselves on portal to become a delivery person.

**5. Logout**

Customer redirected to home page after surfing the application or whenever they wanted.

**Non-Functional Requirement:**

* Secure access to user’s confidential data.
* 24X7 availability.
* Better designed to handle high order traffic.
* Various non-functional requirements are:
* Security.
* Reusability.
* Maintainability.
* Reliability.
* Extensibility.

**ER listing:**

• Customer:

Customer Id

Customer Name

Mobile No

Email

Address

Pin

• Delivery Person:

DP ID

Name

Mobile No

Email

Availability status

• Restaurant:

Restaurant ID

Name

Address

Pin

• Restaurant manager:

Restaurant Manager ID

Name

Email

Password

Restaurant ID

• Food Type:

Food ID

Name

• Food Item:

Food Item ID

Food Type ID

Restaurant ID

Name

Price

Veg/NonVeg

Image

• Orders:

ID

Customer ID

Restaurant ID

Status

Assigned Delivery Person

• Order Item:

ID

Order ID

Food Item ID

Food Item Name

Price

Quantity

• Payment:

ID

Order ID

Customer Id

Status

**HARDWARE REQUIREMENT**

Hardware requirements for insurance on internetwill be same for both parties which are as follows:

|  |  |
| --- | --- |
| **RAM** | 8 GB |
| **Hard disk** | 320 GB |
| **Processor** | Dual Core |

**Software Requirements**

**Client side:**

|  |  |
| --- | --- |
| **Web Browser** | Any compatible browser |
| **Operating System** | Windows or any equivalent OS |

**Server side:**

|  |  |
| --- | --- |
| **Web Server** | To-be-decided |
| **Server-side Language** | J2EE(Spring,Hibernate) |
| **Database Server** | MYSQL |
| **Web Browser** | Google Chrome or any  compatible browser |
| **Operating System** | Windows or any equivalent OS |