

**Tribhuvan University**

**Faculty of Humanities and Social Sciences**

**A Project Proposal On**

**Food Ordering System**

**Submitted to:**

**Lumbini City College**

**Department of Computer Application**

**Tilottama - 4, Rupandehi**

***In the partial fulfillment of the requirement for the Bachelor of Computer Application***

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Abstract

This project proposal is for the development of a Food Ordering System that allows customers to order food online from different restaurants. The system will offer a variety of food options, including healthy meals that do not use refined wheat flour, to cater to the dietary needs and preferences of all customers. The system will also provide options for people with allergies and diabetes.

Introduction

The Food Ordering System aims to provide a convenient and easy way for customers to order food online. With the increasing trend of online food ordering, this system will be a useful tool for customers to order food without the need for long wait times or phone calls. The system will also offer a variety of food options, including healthy meals that do not use refined wheat flour, to cater to the dietary needs and preferences of all customers. Additionally, the system will provide options for people with allergies and diabetes.

Problem Statement

The traditional way of ordering food from a restaurant can be time-consuming and frustrating for customers. Online food ordering is a more convenient and hassle-free way of ordering food. However, existing online food ordering systems often do not offer healthy food options or options for people with allergies and diabetes. Therefore, there is a need for a Food Ordering System that provides a variety of food options to cater to the dietary needs and preferences of all customers.

Objectives

The main objectives of the Food Ordering System are as follows:

• To provide customers with an easy and convenient way to order food online from different restaurants.

• To provide healthy food options that do not use refined wheat flour.

• To provide options for people with allergies and diabetes.

• To provide restaurant owners with a centralized platform to manage their menu and track orders.

• To improve the efficiency of the food ordering process.

Limitations

The limitations of this project are as follows:

• This system is limited to online food ordering only.

• Not all restaurants may be available on the platform.

• Payment processing will be handled externally.

Tools used

The following tools will be used for the development of the Food Ordering System:

• HTML, CSS, and JavaScript for the front-end development

• PHP and MySQL for the back-end development

• Bootstrap to make the interface responsive and mobile-friendly

Feasibility Analysis

Technical Feasibility

The system is technically feasible to implement. The technology required to build and run the system is available and reliable. The development site and server where we will host the website guarantee the accuracy and reliability of the data.

Operational Feasibility

The Food Ordering System will be operational 24/7, which will help in the time-saving and fast processing and dispersal of user requests. No major training or new skills are required to operate the system.

Economic Feasibility

The system is economically feasible to implement. The cost of software required to build and run the system is a one-time cost, and there is no need for any extra hardware components. The operating costs of the system will be minimal, and the revenue generated from the system will cover the cost of development and maintenance.

Expected Outcome

At the end of the project, customers will be able to order food online from different restaurants, including healthy food options that do not use refined wheat flour. The system will provide a user-friendly interface for customers to place an order, view the menu, and select items of their choice. The system will provide real-time updates on order status, including estimated delivery time.