North South University

Department of Electrical and Computer Engineering

Project Proposal

Food Delivery Website

Database System Lab
CSE311L
Section: 4
Semester: SUMMER 2021

Student Name and ID
Ishtiaque Mahmud Rakib
1632373042

Sakib Hassan Rien
1631482042

Course Faculty
Intisar Tahmid Naheen
Lecturer

Lab Instructor
Nazmul Alam Dipto

1

1   Introduction

Bangladesh is the land of opportunities and the online food industry is currently booming. People once used to go to restaurants and enjoy their food, but nowadays due to convenience and the Corona outbreak, people are preferring to stay indoors and order food from home. Several services already provide food from restaurants to homes like Foodpanda, Hungrynaki, and many more. These providers are providing food delivery from restaurants, but the hygiene of preparing these foods is often not ensured. We will also be providing food delivery service to customers but in our case, we will be collecting these foods from the homemakers instead of restaurants. We will be delivering customers food that is prepared with motherly care and also cooked by maintaining hygiene. Through our web application, people will be able to order their favorite healthy and hygienic food and get the food delivered to their door-step at their convenience.

2   Objectives

- To make a dynamic website.

- To make users able to order food easily.

- Serve healthy foods at customer's doorstep.

- Manage orders and track down customers.

3   Target Customers

- People who don't have time for cooking.

- Health-conscious people who prefer home-made food rather than unhealthy foods of restaurants.

4   Value Proposition

This website will reduce the need to go to restaurants, customers will be able to enjoy fresh and healthy food delivered to their doorsteps. People will be

able to save their time and reduce inconvenience. By empowering women and home-makers we will be able to make social and economic contribution to the society.

5   Web Application Feature and description

The web page will open with the customer view at first. It will be a general view and anyone accessing the domain will be able to view it. A new customer will have to sign up with their details and will be able to order food once they are registered. Existing customers will be able to sign in using their email address and password and after that,

Users will be able to:

- Browse through categories and choose their desired food.

- Order food.

- Access history of their past orders.

Admin will able to:

- Manage all the categories, (Add new or delete existing categories).

- Track down users.

- Monitor order status.

On the top right there will be a log-in or sign-up option for the users. After sign users will be able

- Order food.

- Check previous history.

- Log out.

6   Tools and Resources

- HTML.

- CSS.

- PHP.

- MySQL

- Web server API for SMS.

7   Challenges

One of the biggest challenges is to keep costs down. Since customers will be ordering food by seeing images of food, we will have to store a large number of images, which can be expensive.In the case of Cash on delivery orders, customers may not receive food/give fake orders thus their information would be needed to track them accurately. If customers use fake data, coping with this can be challenging. User interface(UI) needs to be simple and easy to use so that normal people can use it. Lastly, connection or providing security for online payment will be difficult.