



NORTH SOUTH UNIVERSITY
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

PROJECT PROPOSAL

“FOOD ORDERING WEBSITE”

DATABASE SYSTEMS LAB
CSE311L
SECTION: 5
SEMESTER: SUMMER 2021

<i>Student Names</i>	<i>IDs</i>	<i>Course Faculty</i>
Jannatul Ferdous Sithi	2012365642	Nadeem Ahmed
Nahian Maliha	1911762642	
Ahmed Ahnaf Preenan	1931394642	<i>Lab Instructor</i> Nazmul Alam Dipto

PROJECT REPOSITORY:
https://github.com/Ferdous285/Food_ordering_website.git

Introduction

Being a land of foodaholics, the food delivery market in Bangladesh has flourished immensely over the years. Additionally, since the commencement of the pandemic, there has been a rapid boost in the market size and order volume. Lockdown has forced people to stay indoors and fulfill their cravings, on the contrary, layoffs all over the country has led to a huge number of food entrepreneurs. Unlike other apps, this web application will be a platform where these entrepreneurs with ineffective strategies and zero marketing experiences get to showcase their promising culinary skills. Also, to make sure that their story is being heard, they are not only presented with their wholesome offerings, but also the contexts and backstories behind both the art and the artist.

Objectives

- To easily avail safe ready made food from home.
- Get to know more about the food and the maker.
- Provide a platform to people who are passionate about cooking
- Helping people turn their passion into money
- Create employment by hiring delivery men.

Target Customers

- *Consumers*: People who will purchase from our website in search of safe and hygienic food.
- *Food Entrepreneurs*: food makers with unlimited passion for cooking who seek not only monetary gain but also recognition for their field of interest

Value Proposition

Our two-sided platform will enable buyers to make informed and confident purchase decisions by providing relevant information and allowing our suppliers to have their stories heard, build recognition, and, of course, grow their

businesses. The presented contextual information will encourage interactions to happen, thus increasing order volume.

Web Application Features and Description

The web page will open with the customer view at first. It will be general view and anyone accessing the domain will be able to view it. This view will show the categories of food which will lead to the food items and the associated seller upon availability. Consumers don't have to create accounts to purchase. The consumers can login as visitors who can:

- See items and seller information from Consumer's View
- Search and explore items
- Read special contextual information for each item and sellers
- Order item/s
- Access history of their past orders
- Notifications of order statuses
- Give feed backs

The sellers can create accounts and log in to access them. Once sellers create their profiles, they can:

- Add information about themselves on their profile
- Organize their profile and items
- Add, edit and delete items
- See the feed backs and comments.

The admins will also have their accounts in the web application. They can log in and:

- Monitor the entire website
- Update and delete the sellers or the information from the database
- Manage the payment system

Tools and Resources

- HTML,
- CSS,
- MySQL,
- PHP,
- Web server.

Challenge

One of the biggest challenges is the maintenance cost. Using a good server for a manageable web application will need a good amount of money. Also, there will be a huge set of data like image, seller information and their account details. Therefore, there may be a chance of higher cost. Second challenge will be the accuracy of data. While paying the bill, it must be checked whether the data entered are correct or not. Lastly, using MySQL for database management can be vulnerable to SQL injection attack, but precaution can be taken to prevent it while designing database .