NORTH SOUTH UNIVERSITY
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

PROJECT PROPOSAL

"CAFE FOOD ORDERING WEBSITE"

DATABASE SYSTEMS LAB
CSE311.L
SECTION:09
SEMESTER: SPRING 2022

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PROJECT REPOSITORY LINK:
https://github.com/SzamanC/Cafe-Food-Ordering-Website.git

Introduction

This project will help local customers to order food online through a website from local cafes. In this pandemic situation, The cafe and restaurants were forced to close during the lockdown and food delivery service has become a lifeline for them. As the social distancing practices will not be going anywhere anytime soon, food delivery service would be the best way to ensure the continuation of the cafe business. That service expands the customer base, increases revenue, gives the customers variety of options, and also offers unparalleled convenience.Our web application is for ensuring a stable food delivery system that will maintain the full food delivery process and keep cafe owners and customers satisfied.

Objectives

- To avail easy food delivery system

- To increase online presence

- Helping cafe owner to increase customers base

- To reduce manual works of seller.

- To make sure order accuracy and satisfy customers

- To create employment like hiring delivery mans

Target Customers

- *Consumers*: People who will order food from our website in the easiest way.

- *Cafe Owners*: The cafe owners who want an easy and stable food delivery platform

Value Proposition

This platform will reduce the bothering and time of going to a cafe to order food. On the contrary, it will enable customers to see exact details of food items on the website which will make purchases a lot easier. This increase in order number will enable repeat customers. As a result revenue of the cafe business will also increase.

Web Application Features and Description

This website will open with the customer view at first. That will be a general view and anyone accessing the domain will be able to view it. The first view will show the available Cafes and categories of food. The categories of the food section will lead to food items of the available linked seller. The customer can directly log as a visitor to enable customer view.

That view enables customers to

- See available food items and seller information.

- Search and explore items

- See suggestions

- Order items

- See the history of past orders

- See order status

- Give feedback and rating

The cafe owners will be able to sign up and log in to access their accounts. After creating their profile, they will be able to

- Add information about them

- Add food items and details

- Edit or delete any given information of them

- See the customer feedback

There will be admins who will have accounts and the account will allow them

- To maintain the website by monitoring, updating, and deleting seller and customer information and the payment system.

Tools and Resources

- PHP

- HTML

- CSS

- MySQL

- Webserver

Challenge

One of the biggest challenges is cost. Using a suitable server for managing web applications will cost a lot. There will be a huge set of data like seller and customer information and their account details and images. Every integrated data have to be checked. Thus accessing the data will not be easy as much processing need to be done. The UI needs to be simple and easy so that the users can properly use it. Lastly, the payment process and data must be secured so that no information can be stolen.