Restaurant online food order.

The online ordering system that I am proposing here, greatly simplifies the ordering process for both the customer and the restaurant. The system presents an interactive and up-to-date menu with all available options in an easy to use manner. Customer can choose one or more items to place an order which will land in the Cart. Customers can view all the order details in the cart before checking out. In the end, the customer gets order confirmation details. Once the order is placed it is entered in the database and retrieved in pretty much real-time.

The languages used to build this application are: Java, Springboot (MVC, Security, Data JPA), Thymeleaf, Maven, JavaScript, HTML, CSS whereas PostgreSQL database at the back-end because I found them to be extremely useful

The structure of the system can be divided into 3 main logical components:

• Web Ordering System- provides the functionality for customers to place their orders and supply necessary details.

• Menu Management-allows the restaurant to control what can be ordered by the customers

• Order Retrieval System-This is a final logical component. Allows the restaurant to keep track of all orders placed.

Web Ordering System Module

• Create an account.

• Manage their account.

• Log in to the system.

• Navigate the restaurant's menu.

 • Select an item from the menu.

• Add an item to their current order.

 • Review their current order.

• Remove an item/remove all items from their current order.

• Provide payment details.

• Place an order.

• Receive confirmation in the form of an order number.

 • View order placed.

Menu Management System Module:

This module provides functionality for the power user-Administrator only.

• Add/update/delete food category to/from the menu.

• Add /update/delete food item to/from the menu.

• Update the price for a given food item.

• Update additional information (description, photo, etc.) for a given food item.

Order Retrieval System Module:

 It is designed to be used only by restaurant employees, and provides the following functions:

• Retrieve new orders from the database.

• Placing the order for purchasing.

• Display the orders in an easily readable, graphical way.