

Food Ordering System

Objective

Create a food ordering system that allows the admin/Staff of that hotel to add details about the food items available and customers to order food by checking each item's availability.

Description

Develop the system with two modules. Admin and customer. The admin module is to add, update, and delete food items, and manage availability. Customers should be able to view the available food items and place orders based on their availability.

Instructions

1. Develop a user-friendly interface for both the admin and customer modules.
2. Implement a database to store the details of the food items and their availability.
3. Ensure that the admin module allows the admin to perform CRUD (Create, Read, Update, Delete) operations on the food items.
4. Enable the customer module to display the available food items and allow customers to place orders.

Functional requirements:

1. **Functionality:** Does the system meet the requirements and perform the necessary operations correctly?
2. **User Interface:** Is the interface intuitive and user-friendly for both the admin and customer modules?
3. **Database Design:** Is the database intelligently designed and implemented to store the food item details and availability?
4. **File Management:** Save and load all data in a text or CSV file.
5. **Error Handling:** Does the system handle errors gracefully and provide appropriate error messages?
6. **Input Validations:** Ensure input validations are implemented to handle incorrect user inputs appropriately
7. **Testing:** Has the system been thoroughly tested to ensure its functionality and usability?
8. **Finalization and Presentation:** Prepare a presentation that highlights the features, functionalities, and design of the food ordering system.