The food court

**Submitted by:**

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**Client:**

The food court restaurant (Mang, Haripur)

**Submitted to:**

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**Introduction:**

We made a desktop-based application using C-Sharp (C#), in order to manage the restaurant. This project is fully based on Graphical user interface (GUI). We need an application to manage our client restaurant, so the basic requirements (functional) to store the record of products, also product categories, product details, also store the tables, staff details, POS, kitchen, total sell products, and reports date wise. So, we have to design a such application that fulfils these requirements.

**Requirements:**

**User management:**

The system should have the capability to create, edit, and delete user accounts with various levels of access permissions.

**Inventory management:**

The system should allow users to add, edit, and delete products and track their stock levels in real-time.

**Purchase management:**

The system should provide the functionality to create, edit, and delete purchase orders for products, track supplier information, and maintain a purchase history.

**Security:**

The system should have security features to prevent unauthorized access to sensitive information and protect against data loss or theft.

**User-friendly interface:**

The system should have a user-friendly interface that allows users to quickly and easily navigate the system and perform required actions.

**Conclusion:**

In conclusion, a restaurant management system would greatly benefit the restaurant industry by increasing efficiency, streamlining operations, and improving customer experience. By implementing a system that can manage reservations, orders, inventory, and customer feedback, restaurant owners and managers can focus on providing high-quality food and service while minimizing the administrative tasks that come with running a restaurant. Additionally, a restaurant management system can provide valuable insights into customer preferences and behavior, allowing for data-driven decision making and ultimately improving the bottom line. Overall, the implementation of a restaurant management system has the potential to enhance the dining experience for customers and increase profitability for restaurants. The project is developed using C# as the front end and MySQL server as the backend database. As a desktop-based application, the system can be accessed from a single computer, ensuring data security and ease of use.