**Synopsis**

**DessertDeck**

**Project Members :**

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The DessertDeck is a user-friendly web application designed to bring a traditional sweet shop into the digital age (Sweet Shop Management System). This platform enables customers to explore a variety of sweets, place orders online, and manage their profiles, while providing administrators with tools to efficiently handle products, orders, and customer information.

**Technical Requirements:**

**Hardware:**

Processor- I5 or Above

RAM- 1GB or Above

Hard Disk- 256GB or Above

**Software:**

Operating System- Up to Windows 11

Hosting- Any Hosting

Language- python, Django

Database- DB SQLite

**Problem Statement:**

The Sweet Shop, a traditional business specializing in a variety of sweets, is facing challenges due to the growing trend of online shopping. The current manual or basic digital systems are inefficient and limit the shop's ability to expand and manage operations effectively. There is a need for a comprehensive web-based platform to handle online sales and streamline business processes.

**Objectives:**

1. **Expand Business Reach:** Develop an online platform to reach a broader audience beyond the local community.
2. **Enhance Operational Efficiency:** Implement automation to streamline inventory management, order processing, and customer interactions.
3. **Improve Customer Experience:** Provide a convenient and user-friendly shopping experience for customers.

**Features:**

1. **User Accounts:**
   * Customers can create accounts, log in, and recover passwords if needed.
2. **Product Display:**
   * A catalog of sweets is available, complete with names, descriptions, prices, and images. Users can search and filter these products.
3. **Shopping Cart:**
   * Customers can add, update, or remove items, and view the total cost of their selections.
4. **Order Management:**
   * Customers can place orders, receive confirmations, and track the status of their orders.
5. **Profile Management:**
   * Users can update their personal information and view their order history.
6. **Admin Panel:**
   * Admins can manage the product catalog, oversee orders, and handle user accounts.

**Existing System:**

Currently, many sweet shops rely on manual processes or basic digital tools, which can lead to inefficiencies and errors. These outdated systems lack the automation and integration needed for modern business operations.

**Need for Computerization:**

Automating the DessertDeck offers several benefits, including real-time inventory tracking, accurate record-keeping, automated accounting, and online ordering capabilities. This modernization will enhance operational efficiency, financial management, customer satisfaction, and support future business growth.

**Scope of the Proposed System:**

The proposed system will cover areas such as inventory management, sales and billing, customer relationship management (CRM), order management, financial management, and user experience. The goal is to provide a comprehensive solution that boosts efficiency, improves customer satisfaction, and supports the business's growth.