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COLLEGE OF ENGINEERING
(A U T O N O M O U S)

SMART GROCERY

23MCA245 - Mini Project

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ABSTRACT

SMART GROCERY

(SMART GROCERY SHOPPING WEBSITE)

The Smart Grocery website is an innovative platform designed to revolutionize the way consumers shop for groceries. By integrating advanced technologies and userfriendly features, this website aims to provide a seamless and efficient shopping experience. The project consists of various modules and features that collectively enhance convenience, personalization, and efficiency for users.

FEATURES & MODULES:

1. User Authentication and Profile Management

- **User Registration/Login:** Secure registration and login functionality for users.
- **Profile Management:** Users can manage their personal information, delivery addresses, and payment methods.

2. Product Catalog and Search

- **Product Listings:** Comprehensive and categorized listing of grocery items with detailed descriptions, images, and prices.
- **Search and Filter:** Advanced search functionality with filters based on categories, brands, price range, and more.

3. Smart Shopping Cart

- **Add to Cart:** Easy addition of products to the shopping cart with realtime updates.

- **Cart Management:** Users can view, edit, and remove items from the cart, along with the ability to save items for later.

4. **Secure Payment and Checkout:**

- Multiple secure payment options including credit/debit cards, digital wallets, and bank transfers.
- Streamlined checkout process with options for guest checkout and saved payment details

5. **Customer Support:**

- **Feedback and Reviews:** Users can provide feedback and reviews on products and services.

6. **Admin Panel**

- **User Management:** Admins can manage user accounts and monitor user activity.
- **Product Management:** Admins can add, update, and remove products from the catalog.
- **District Operation Manager Management:** Admin can add and remove district operation managers.
- **Order Management:** Admins can oversee and manage all orders placed on the website.
- **Banner Management:** Ability to manage promotional banners displayed on the homepage

7. **District Operation Manager**

- **Product Management:** District managers oversee product availability, restocking, and ensure sufficient supply for their region.

- **Order Management:** Handle order fulfillment, deliveries, and returns within their specific regions.
- **Region Management:** Ability to add or remove delivery regions (by pincodes) to ensure efficient distribution and service coverage.