**Mini Project - Phase 1 Documentation**

**Abstract:**

**Project Title:** Food Munch - AI-Powered Food Delivery Platform

**Summary:**

Food Munch is a responsive web application designed to facilitate online food ordering with a user-friendly interface and an AI-driven recommendation system. The platform allows customers to browse a diverse menu, place orders, track deliveries, and receive personalized dish recommendations based on their preferences (e.g., vegetarian, spicy). Administrators can manage menu items, view customer orders, and generate reports. The front-end is built using HTML, CSS, and JavaScript, leveraging Bootstrap for responsiveness and integrating an AI component for enhanced user experience. The project aims to provide a seamless and smart food ordering experience while incorporating modern web development practices and AI technology.

**Team Members:**

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**Feature Details**

**- Customer Features:**

1. **Login/Registration:** Users can create accounts or log in to access personalized features.
2. **Browse Menu & Place Orders:** Customers can view menu categories (e.g., Veg Starters, Desserts) and submit orders via a form.
3. **AI-Powered Dish Recommendations**: An AI algorithm suggests dishes based on user preferences (e.g., vegetarian, non-spicy), implemented using JavaScript.
4. **Track Delivery Status**: Customers can view real-time order status and track delivery on a mock live map.
5. **Redeem Gifts:** A form allows customers to claim surprise gifts.
6. **Provide Feedback:** Customers can submit feedback through a form.

**- Admin Features:**

1. **Login:** Secure admin login to access the dashboard.
2. **Add/Edit Menu Items**: Admins can update the menu dynamically via a form interface.
3. **View Customer Orders:** Admins can see a list of all customer orders.
4. **Generate Sales Reports:** Admins can view basic sales statistics (e.g., total orders, revenue).
5. **Manage Promotions:** Admins can create and manage discount offers (e.g., 50% off).

**Project Files:**

The following files are included in the project submission and maintained externally:

1. FSDVhtml.html: Core HTML structure with navigation, banner, menu, and other sections.
2. FSDVcss.css: Custom CSS styles for responsive design and branding.
3. script.js: JavaScript file for interactivity (e.g., smooth scrolling, dynamic menu loading, AI recommendations).
4. -assets: Folder containing images and mock API data (e.g., menu.json).