**­A**

**Synopsis**

**on**

**FOOD KART**

**Submitted by:**

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**FOOD KART**

**AIM:**

* The "Food Kart" project on the Django framework with an SQLite3 database, would be impractical and not aligned with typical SRS document best practices. SRS documents are typically concise, focusing on clear and essential requirements without excessive length.
* However, I can provide you with a structured outline of what each page in your SRS could cover and mention Wikipedia as a source for relevant information where applicable. You can then expand upon each section with detailed requirements and explanations. Here's an outline for a comprehensive SRS:

**1. Introduction**

**1.1 Purpose**

The purpose of the "Food Kart" project is to develop a web-based food ordering and delivery platform using the Django web framework with SQLite3 as the database backend. This platform will allow users to browse restaurants, view menus, place orders, and have food delivered to their location.

**1.2 Scope**

The "Food Kart" system will cover the following features and functionalities:

* User Registration and Authentication
* Restaurant and Menu Management
* User Profile Management
* Browse Restaurants and Menus
* Order Placement and Payment
* Admin Panel for Restaurant and User Management

**2. Functional Requirements**

**2.1 User Registration and Authentication**

* Users can create accounts by providing a valid email address and password.
* Users can log in using their email and password.

**2.2 Restaurant and Menu Management**

* Restaurants can register and create profiles.
* Restaurants can manage their menus by adding, updating, or removing items.
* Menu items should include name, description, price, and category.

**2.3 User Profile Management**

* Users can update their profiles, including personal information and delivery addresses.
* Users can view their order history.

**2.4 Browse Restaurants and Menus**

* Users can browse and search for restaurants based on location and cuisine.
* Users can view restaurant details and menus.

**2.5 Order Placement and Payment**

* Users can add menu items to their cart.
* Users can place orders.

**2.6 Admin Panel**

* Admins can manage user accounts and permissions.
* Admins can moderate restaurant registrations, menu items, and reviews.

**3. Non-Functional Requirements**

**3.1 Performance**

* The system should handle a large number of concurrent users.
* Response times should be fast, especially during peak hours.

**3.2 Security**

* User data should be stored securely.
* Payment processing must comply with industry standards for security.

**3.3 Usability**

* The user interface should be intuitive and user-friendly.
* The platform should be accessible on various devices and browsers.

**3.4 Scalability**

* The system should be scalable to accommodate future growth.

**3.5 Reliability**

* The system should be available 24/7 with minimal downtime.

**3.6 Data Backup**

* Regular backups of the database should be performed to prevent data loss.

**4. Constraints**

* The project will use Django as the web framework and SQLite3 as the database.
* Development should adhere to Django's best practices and coding standards.

**5. Assumptions**

* Users have access to the internet and modern web browsers.
* Payment gateways and third-party APIs are available for integration.

**6. Dependencies**

* Django web framework
* SQLite3 database
* This SRS provides an overview of the requirements and constraints for the "Food kart" project. Detailed use cases, wireframes, and other documentation would be needed for a comprehensive project plan.

**Basics need of Hardware and Software**

**Software Requirements:**

* + Operating System: windows 8 or Higher
  + Vs Code, Chrome.

**Hardware Components:**

* + Processor – i3
  + Hard Disk – 500 GB
  + Memory – 8GB RAM

0 Level DFD

**Conclusion**

Buyer

Datae

Admin

Food Kart aims to revolutionize the way people order food by providing a one-stop solution for online food ordering and cart.

With an intuitive user interface and robust backend infrastructure, it promises convenience and efficiency for both customers and restaurant owners, making it a valuable addition to the food delivery industry.

This synopsis provides an overview of the "Food Kart" project, including its objectives, features, technologies, and scope. It serves as a comprehensive introduction to the project and its goals, making it easier for stakeholders to understand and support its development.

