



॥ सा विद्या या विमुक्तये ॥

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PlanSmart

Introduction to PlanSmart

PlanSmart is an innovative event planning platform designed to simplify and enhance the process of organizing events. It offers two distinct approaches to event planning. Users can either take complete control, customizing every aspect of their event from start to finish, or they can utilize the intelligent recommendation system. This system leverages advanced algorithms to suggest the best options for venues, food, decorations, and more, based on user preferences and requirements. With PlanSmart, planning a successful event becomes efficient, tailored, and stress-free.

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Site Map

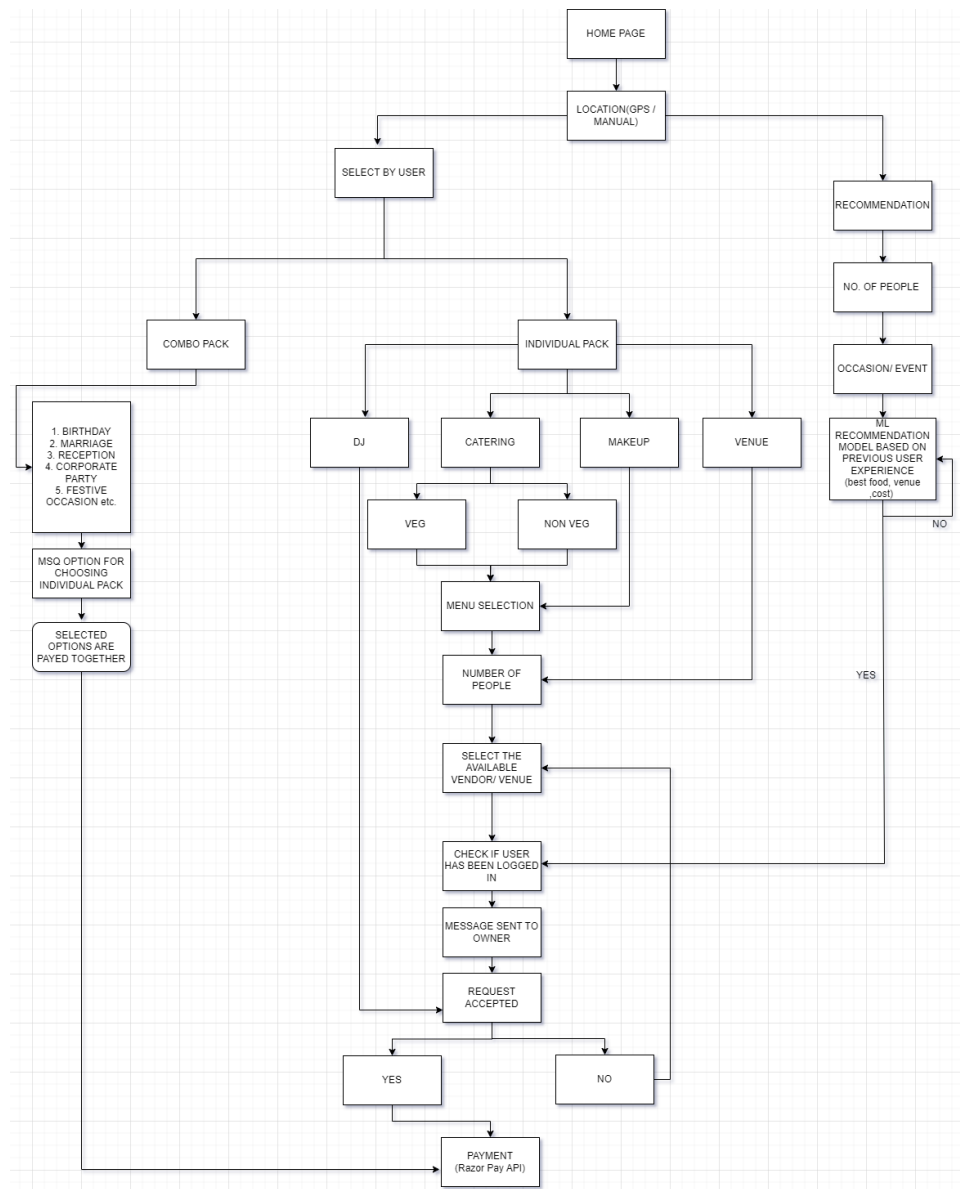


Figure 1.1: Site Map

Dataset

Dynamic Datasets for Vendor and Service Ratings

PlanSmart will utilize datasets sourced from Kaggle to build a comprehensive list of service providers, including:

- **Restaurants**
- **Caterers**
- **Makeup Artists**
- **DJ Services, etc**

Each entry in the dataset will feature vendor details such as name, contact information, service descriptions, and ratings. The platform will ensure that the data remains dynamic and up-to-date through the following mechanisms:

1. Integration with Kaggle Datasets:

- PlanSmart will directly integrate datasets from Kaggle, providing access to a broad range of vendors across different categories.
- The platform will regularly update the datasets by syncing with Kaggle, incorporating new entries, changes, and the latest information to ensure users have accurate, real-time data.

2. User-Driven Ratings and Reviews:

- Users can rate and review service providers after utilizing their services.
- The platform will dynamically update the ratings, reflecting user feedback to help future users make informed decisions.
- Consistent feedback patterns may adjust the vendor's ranking and visibility on the platform.

3. Vendor Profile Management:

- Vendors who register on PlanSmart can manage and update their profiles, including service information, availability, pricing, and special offers.
- Any changes made by the vendor will be reflected in real-time on the platform, ensuring the information remains current and accurate.

By integrating with Kaggle datasets and enabling real-time updates via user feedback and vendor management, PlanSmart guarantees a dynamic, accurate, and reliable platform for event planning.

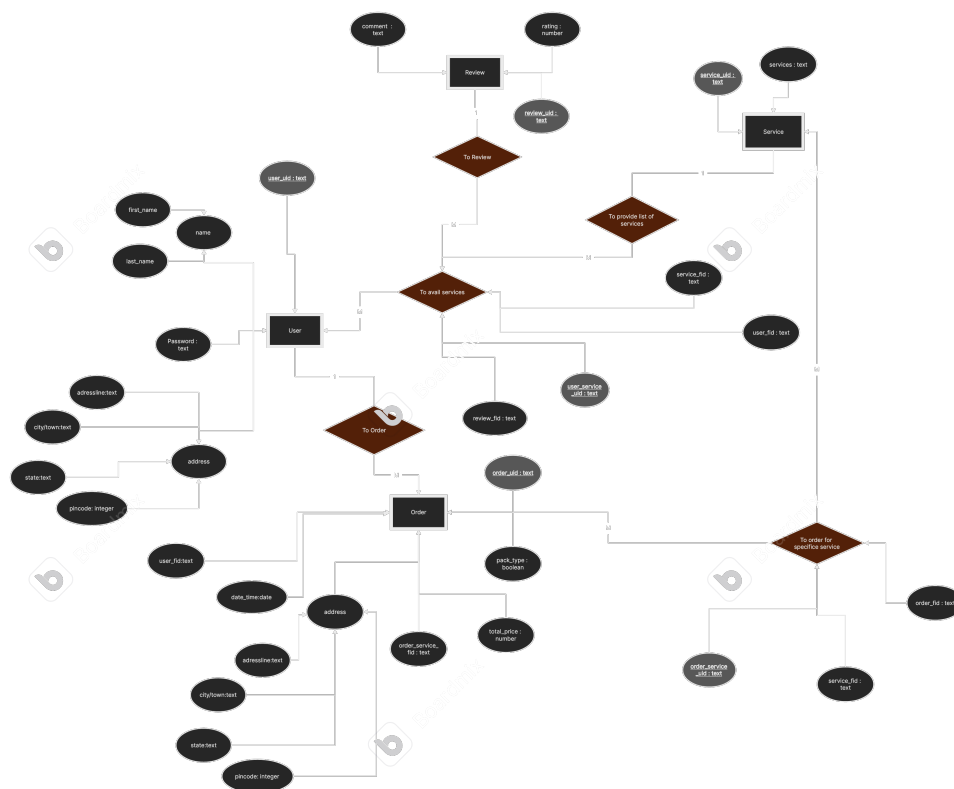


Figure 2.1: Site Map

Description Components

3.1 Main Page

- **Selection by User:** If user wants to select services manually according to choice. Here user can select services, respective vendors for services on its own.
- **ML Recommendation:** Using ML to recommend best vendors/venues for selected services based on past ratings and other factors.
- **Location:** GPS shows current location or user has to enter location manually to avail services at that location.

3.2 Select by User

- **Combo Pack:** Many Services clubbed together for a particular occasion. e.g. For Birthday Party user need Catering services, decoration, etc. so this services are selected together to avail offers and to make payment together.
- **Individual Pack:** To avail single service.

3.3 Individual Pack

For different services such as DJ, Venue booking, Catering, Makeup, etc further process will vary. After Vendor/ Venue is selected, the respected owner is informed through mail/message. The owner has been given specific time limit such as 6 hours to accept the request. If the owner accepts request then user is informed through message/mail and user can proceed to payment thus order is confirmed.

APIs Used in the PlanSmart Website

In the PlanSmart website, we have integrated the following ready-made APIs to enhance the user experience and streamline the event planning process:

- **RazorPay:** This payment gateway API is used to facilitate secure transactions. Users can make payments for bookings directly on the platform, ensuring a smooth and reliable payment process.
- **GPS Tracking API:** This API helps in determining the current location of the user and finding the nearest vendors around them. It allows users to easily discover services and facilities close to their location.
- **Chat API:** The chat API enables encrypted communication between users and vendors. It allows users to chat directly with vendors for discussions about venue, catering, and other services during the booking process, ensuring privacy and security.