Building the Ultimate Event Organizer App

A high-level overview for our mobile application project, focusing on scope, features, and the integrated team approach.

Defining Our Core Objective

Our primary goal is to deliver a comprehensive, convenient mobile application that streamlines the event organization process, allowing users to manage various events—from engagements to birthdays—all in one centralized platform.

1

Comprehensive Feature Set

- Venue booking and management.
- Catering and food services coordination.
- Photography and makeup artist selection.

2

Vendor & Logistics Integration

- Flower arrangements and decor options.
- Giveaways, gifts, and personalized items.
- DJ and entertainment options integration.

Managing Interests and Influence

Effective communication channels are crucial for aligning expectations and ensuring project success across all interested parties.

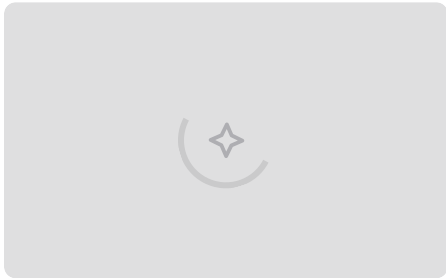|				
Client / App Owner	Provides strategic direction and funding	High	High	Weekly Meetings
Developers	Build and maintain the application infrastructure	High	Medium	Slack / Trello
Designers	Define the user experience and visual aesthetic	High	Medium	Figma / Comments
Vendors	Provide event services (catering, venues)	High	Medium	Email / App Dashboard
End Users	The event organizers and customers	High	Low	App Feedback / Support

Database Design Fundamentals

A robust relational database structure is required to efficiently link users, events, vendors, bookings, and financial transactions.

Users Table — 1

(**user_id**, name, email, password, phone, address)

2 — **Vendors Table**

(**vendor_id**, name, service_type, rating, contact_info)

Events Table — 3

(**event_id**, user_id (FK), type, date, location, total_budget)

4 — **Bookings Table**

(**booking_id**, event_id (FK), vendor_id (FK), service_details, price, status)

Payments Table — 5

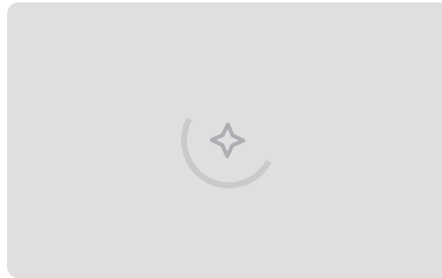(**payment_id**, booking_id (FK), amount, date, method, status)

Aesthetic and Interaction Strategy

The interface must be intuitive, elegant, and responsive across all devices, guiding the user seamlessly through the event planning process.
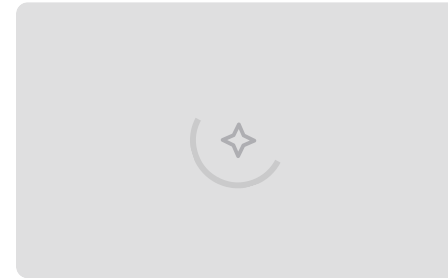
Intuitive Flow

From splash screen to checkout, the app flow (Login → Home → Categories → Booking → Cart) is designed for minimal friction.

Festive Aesthetics

Using elegant color palettes (e.g., gold, blush pink, ivory) creates a premium and celebratory user experience.

Personalized Recommendations

Leveraging event type and user preferences to offer tailored vendor and service suggestions, enhancing convenience.

Interactive prototypes in Figma ensure