

PROJECT ABSTRACT

Wedding Vendor Marketplace and Booking Platform

A two-sided marketplace web application connecting couples with wedding vendors (photographers, venues, caterers, decorators): verified profiles, package pricing, reviews, date-availability checks and escrow-style booking advances. Delivered built-to-order with the full web application, database, report, PPT and viva kit.

01. Title

Wedding Vendor Marketplace and Booking Platform.

02. Introduction / Background

Wedding services are a high-value, high-anxiety purchase: couples commit lakhs of rupees to vendors they found through word of mouth, with no standardized pricing, no verified reviews and no protection on advances. Vendors, meanwhile, depend on seasonal referrals and struggle with enquiry management. A vertical marketplace solves both sides — structured vendor profiles with transparent packages, genuine date availability, verified reviews, and a booking flow that protects the advance. This project builds that marketplace as a complete web application.

03. Problem Statement

Couples today plan weddings across dozens of WhatsApp chats and Instagram DMs: prices are negotiated opaquely, availability is confirmed manually, and advances are paid with no recourse if a vendor cancels. Vendors lack a professional storefront and lose enquiries to slow responses. The project addresses this with a single platform: searchable vendor listings by category and city, package-wise pricing, review and rating system, per-date availability calendars, and a staged booking flow (enquiry → quote → advance → event → review) with the advance held securely.

04. Objectives

- Build vendor storefronts: profiles, portfolios, package pricing, service areas and verified badges.
- Implement category/city search with filters for budget, rating and availability.
- Provide per-date availability calendars so couples never enquire for blocked dates.
- Implement the staged booking flow with advance payment and release-after-event logic.
- Add a verified review system where only completed bookings can leave reviews.

05. Proposed Methodology

The platform is developed as a two-sided web application. (1) Vendor side: onboarding with document verification, profile/portfolio management, package builder, and an availability calendar with per-date blocking. (2) Couple side: search with faceted filters, vendor comparison, enquiry messaging, and booking with advance payment. (3) Trust layer: reviews gated on completed bookings, dispute flags, and admin moderation tools. Payments are modeled on an escrow pattern — the advance is captured at booking and released to the vendor after event completion.

06. System Architecture / Working

Vendors create listings under categories (photography, venue, catering, decor, makeup, music) with packages that have fixed inclusions and prices. The search service filters by city, category, budget band and rating, ranking by a score combining rating, response rate and verification status. Each vendor page shows an availability calendar; selecting a date starts an enquiry thread, the vendor responds with a formal quote, and accepting it creates a booking with a 25% advance held in escrow. After the event date passes and delivery is confirmed, the balance workflow completes and the couple can post a verified review.

07. Software Requirements

- Backend: Python (Django) or Node.js (Express) REST API
- Database: PostgreSQL/MySQL; file/object storage for portfolios
- Frontend: HTML5, CSS3, JavaScript (responsive)
- Payment gateway integration (Razorpay/Stripe) for advances
- Email/SMS notifications for enquiries, quotes and booking updates
- Admin panel for vendor verification and dispute moderation

08. Expected Outcomes

A working marketplace with vendor onboarding, faceted search, availability calendars, the full enquiry-to-booking flow, escrow-modeled advance handling and verified reviews. The student can demo both sides — a couple booking a photographer and a vendor managing enquiries — and explain the trust mechanisms in the viva.

09. Applications

- City-level wedding planning businesses going online
- Event-management companies as a vendor-acquisition channel
- Adjacent verticals: corporate events, birthday-party vendors

10. Future Scope

- Budget planner that auto-suggests vendor mixes within a total budget
- In-platform contracts with digital signatures
- Guest-list and invitation management for couples