

Vid-AI

Abstract:

VidAI is an intelligent, cross-platform web and mobile application designed to revolutionize the way Pakistani couples plan their weddings. With the cultural significance and logistical complexity of Pakistani weddings which typically span multiple ceremonies such as Nikah, Mehndi, Baraat, and Waleema couples face significant challenges in discovering trustworthy vendors, managing multi-event budgets, and coordinating services across cities. Traditional wedding planning in Pakistan relies heavily on word-of-mouth referrals and manual coordination, which are time-consuming, inconsistent, and lack transparency. Existing digital solutions fail to address the cultural specificity of Pakistani weddings and offer no intelligent assistance for planning decisions. The main motivation behind developing this system was to create an affordable, accessible, and AI-powered platform that bridges the gap between scattered vendor markets and the modern couple's need for a unified, intelligent wedding planning experience.

In VidAI, users can register as customers or vendors and interact through dedicated portals. Customers can browse and search verified vendors by category, city, and price range, create bookings with conflict detection, manage multi-event budgets, communicate with vendors in real time, and make secure online payments. The system features a dual AI engine: a conversational AI assistant trained with Pakistani wedding domain knowledge helps users with planning queries, while a structured AI module generates personalized vendor recommendations ranked by budget proximity, automated budget plans with per-event cost breakdowns, and AI-crafted wedding invitation content with image generation. Vendors can manage their profiles, packages, and portfolios, accept or reject bookings, view analytics dashboards, and chat with customers. An Admin portal provides vendor verification, user management, booking oversight, report moderation, and system health monitoring. A React Native mobile app delivers full customer feature parity for on-the-go access, including push notifications for real-time updates.

Group Members Detail:

Faiza Alam Warraich	LinkedIn profile	+92 330 5590943
Syed Asad E Bukhari	LinkedIn profile	+92 300 5584987

Supervisor: Dr. Kashif Sultan

Assistant Professor, Department of Software Engineering.