

Event Craft

FYP– I REPORT BS(CS/SE/CYS/AI) Fall 2023

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1.Introduction

Planning an event, whether personal or professional, can be a complex and time-consuming process. Juggling venue selection, vendor coordination, and guest management often leads to frustration and missed opportunities for creating truly memorable experiences. Event Craft addresses this challenge by offering a user-friendly and comprehensive event management system.

Problem Statement

The current event planning landscape lacks a user-centric solution that offers a complete and streamlined experience. Existing tools may:

- **Overwhelm users:** Complex features and interfaces can add unnecessary steps and confusion to the planning process.
- **Neglect crucial aspects:** Important tasks like vendor communication, guest coordination, and budget management may not be fully addressed.

This gap presents a significant opportunity for Event Craft to revolutionize the event planning industry.

Project Objectives

Event Craft aims to:

- **Simplify event planning:** Provide an intuitive interface that streamlines all aspects of event management, from initial planning to post-event evaluation.
- **Enhance the overall experience:** Empower users to create memorable events by reducing stress, saving valuable time, and fostering collaboration.
- **Increase efficiency and cost-effectiveness:** Offer tools that optimize planning efforts and help users stay within budget constraints.

Vision

Event Craft envisions a future where event planning is a seamless and enjoyable experience. Through strategic integration of features, user-friendly design, and collaboration tools with service providers, Event Craft aims to set a new standard for event management, bringing joy and satisfaction to both event organizers and participants.

2.Related Work / (SRS/SDS)

Event Craft isn't just another event planning platform; it's your **maestro**, taking the chaos out of coordination and transforming event planning into a harmonious symphony. Imagine a user-friendly interface that feels as intuitive as your favorite app, where every note - from scheduling to vendor selection - plays in perfect pitch.

Streamlining the Symphony:

- **User Accounts & Login:** Ditch the scattered spreadsheets and overflowing inboxes. Event Craft provides a central hub for all your event needs, accessible with a secure login.
- **The Conductor's Baton:** Time management and to-do lists become a thing of the past with our intuitive scheduling and checklist tools. Just like a conductor leads the orchestra, you'll guide your event effortlessly.
- **Helpers in Harmony:** Collaboration becomes a breeze! Assign tasks to helpers with ease, ensuring everyone is on the same page and contributing to the event's success.
- **AI-Powered Maestro:** Stuck on a theme or unsure where to start? Event Craft's intelligent recommendations suggest vendors, caterers, and even entertainment based on your budget, timeframe, and location. Let AI be your creative muse!
- **Guest Management Crescendo:** Seamlessly manage your guest list with digital invitations and stunning AI-generated e-cards. It's like composing a beautiful melody that resonates with all your invitees.
- **A Marketplace of Virtuosos:** Access a curated selection of top-tier vendors, each a specialist in their field. Find the perfect caterer, photographer, or decorator to add a touch of brilliance to your event.
- **Vendor Profiles & Order Management:** Service providers can showcase their expertise with detailed profiles, manage orders efficiently, and communicate directly with clients through the platform. It's like having your own virtual stage to shine.

Focusing on the Performance:

While Event Craft is a web-based platform (with a future-proof mobile app planned for all operating systems!), We want you to focus on the magic of your event, not solve the complex software.

The Audience:

Event Craft caters to a diverse cast of characters who all play a vital role in bringing your vision to life:

- **Users:** The conductor, leading the event with impeccable timing and style.

- **Service Providers:** The virtuosos, each a master of their craft, contributing their expertise.
- **Developers & Testers:** The backstage crew, ensuring a flawless performance.
- **Event Participants:** The captivated audience, enjoying the harmonious experience.

3.Methodology

The Methodology highlights several relevant sources that inform the development of Event Craft:

- **The Design of Everyday Things** by Donald Norman: This book likely provides insights into user-centered design principles that will be crucial for creating an intuitive and user-friendly interface for Event Craft.
- **Integrated Event Management** article: While this article focuses on distributed systems, it emphasizes the importance of effective event handling strategies. This could be relevant to ensuring smooth data flow and communication within Event Craft.
- **A Study on Event Management with Reference to Wedding Company (E-Factor):** This research paper offers valuable insights into the event management industry, specifically wedding planning. It might inform features or functionalities that cater to different event types within Event Craft.

The included Google Form questions effectively gauge user pain points and preferences related to event planning. This data can be used to:

- Identify the most frequently planned personal events (birthdays, anniversaries etc.)
- Understand user investment in terms of time and frequency
- Pinpoint the biggest challenges users face (budgeting, vendor research, communication)
- Gauge user interest in AI-powered assistance

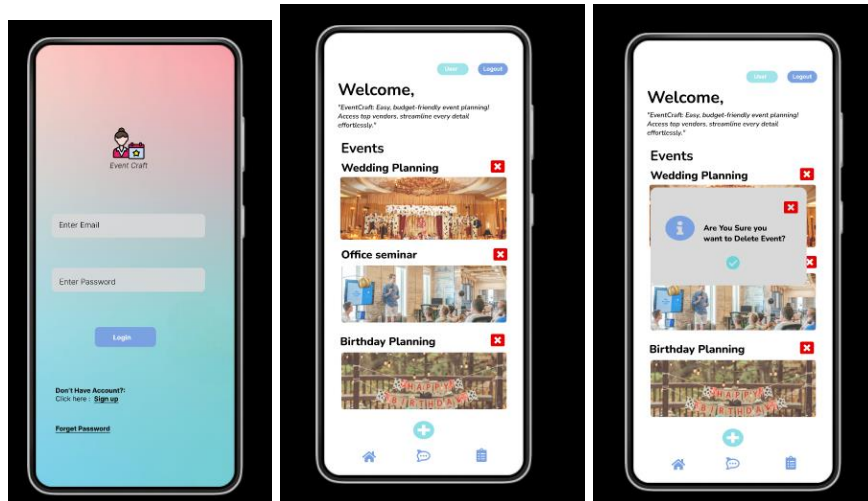
The provided comparison table effectively highlights Event Craft's unique features against existing event management applications. It showcases Event Craft's strengths in areas like:

- **Collaboration:** Assigning tasks to helpers and facilitating communication.
- **AI-powered recommendations:** Suggesting vendors, services, and event flows based on budget and preferences.
- **Guest Management:** Simplifying guest invitations with e-cards.
- **Vendor Management:** Streamlining order management, communication, and progress tracking for service providers.

- **Customization:** Enabling users to personalize their events with unique packages and service selections.
- **Progress Monitoring:** Providing real-time updates for both users and service providers.

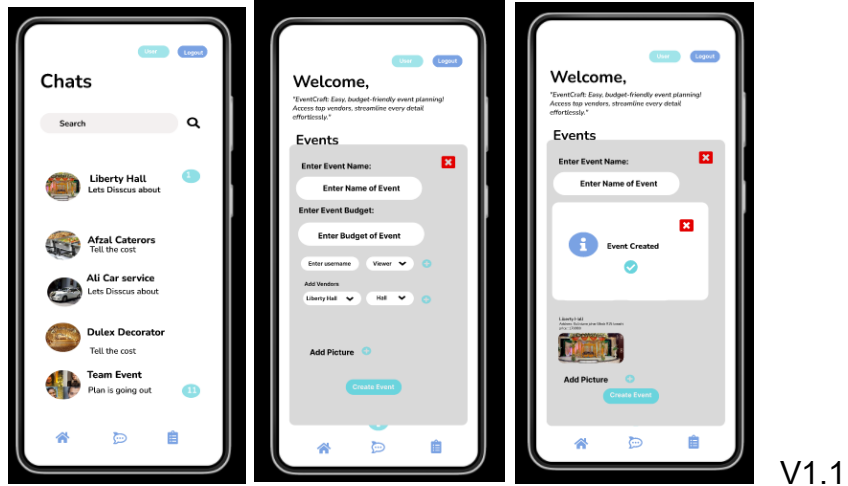
Overall, the literature review demonstrates a solid understanding of user needs, design principles, and the competitive landscape. The Google Form questions and feature comparison effectively position Event Craft as a comprehensive and user-centric solution for event planning.

4. Testing and Results

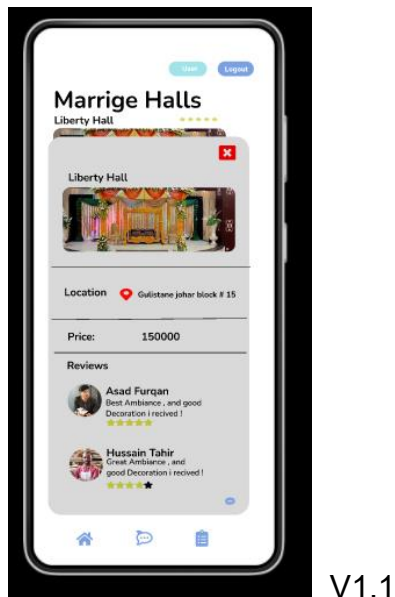


V1.1

Above Mentioned UI are V1 of Mobile Application of Event Craft , Performing the Conformation of delete the event.

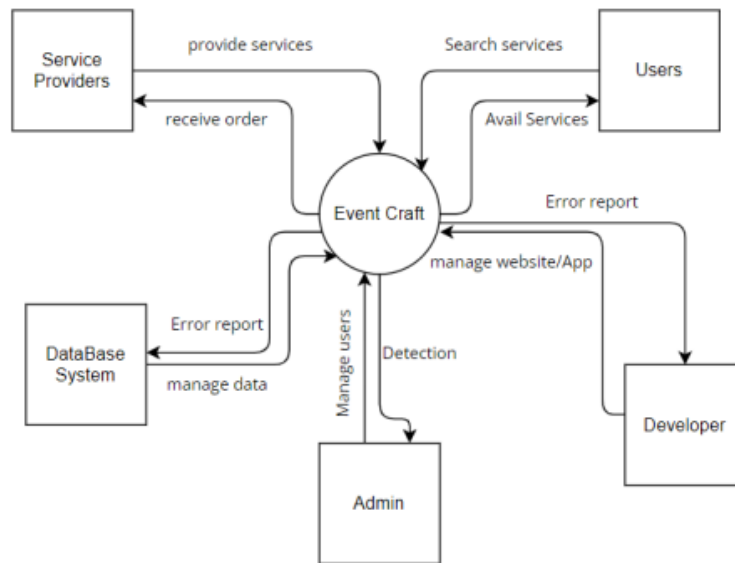


Above Mentioned UI are V1 of Mobile Application of Event Craft , Performing the Conformation of the event creation.



Above Mentioned UI are V1 of Mobile Application of Event Craft , Performing the authentication of the service by analysis the reviews.

5. System Diagram



6. Goals For FYP-II

- Providing frontend of User component
- Providing frontend of Service Provider component
- All features of user & service provider
- Service Provider Canva Crafting (Module) Implementation
- Frontend + Backend (code, Integration, testing)

7. Conclusion

We Concluded planning personal events is often hectic and frustrating. Managing complex logistics, like venue booking, vendor coordination, and guest invitations, can be overwhelming and lead to anxiety and inefficiency. This often results in compromises, limiting the ability to create truly memorable moments. Our aim is to make a user-friendly application with an integrated service provider platform that helps users manage their events. This platform empowers service providers to create and offer any event management-related service as individual modules, diversifying the platform's offerings. Users then leverage this ecosystem to customize their dream events by selecting modules from these providers, encompassing everything from event category suggestions and budget communication tools to guest management, and organization of various event components like venue, catering, and decor. We believe that by centralizing and streamlining these processes properly using HCI techniques, we can alleviate the frustrations associated with event planning, allowing users to focus. This platform prioritizes the facilitation of enduring and cherished event experiences.

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