

MASTERS IN APPLIED COMPUTER SCIENCE

CSCI 5308

Advanced Topics in Software Development

PROJECT PROPOSAL

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1. Overview

Nowadays, it is very hard to organize large-scale events and execute the event plan flawlessly, as a result of which a variety of issues arise, such as timely completion of the event, vendor issues, a shortage of food, poor catering services, guests uninvited, ineffective decoration, and over-expense on the event. To avoid such impediments, there is a real need for a team that manages the event from start to finish with effectiveness for the smooth operation of event activities.

With a splash of innovation and creative ideas, the **Event Fiesta - Event Organizer Team** strives to transform moments into memories. We plan birthdays, weddings, anniversaries, retirements, farewells, graduation, baby showers, and office parties from beginning to end. Our team puts a high priority on providing these services from a well-established organizing committee in every department, whether it is catering, decoration, music, or appointing highly qualified makeup artists.

When it comes to the user, he must login to our site using the credentials he created during the signup/registration process. Upon login, we gather information about the event, location, time, services required, as well as budget via a questionnaire form from the user. When the user submits this questionnaire, all his answers are evaluated by comparing to the Organizers details stored in the relational database, and the five best Organizers who perfectly fit his requirements are displayed along with their ratings. Following that, the user can choose which organizer he wishes to collaborate with, and once he does, he will be shown all the services offered by that organizer as well as expense details. After the user confirms the package and services, the organizer is notified via email about the event, and the organizer should accept or decline the event based on availability.

Apart from organizing an event, Event Fiesta also provides the user with functionalities such as creating a task checklist for the event to track the progress of the event, as well as creating a guest list functionality to prepare a list of guests who have been invited to track the headcounts of people attending the event and ensure that no one is forgotten. What makes this site more

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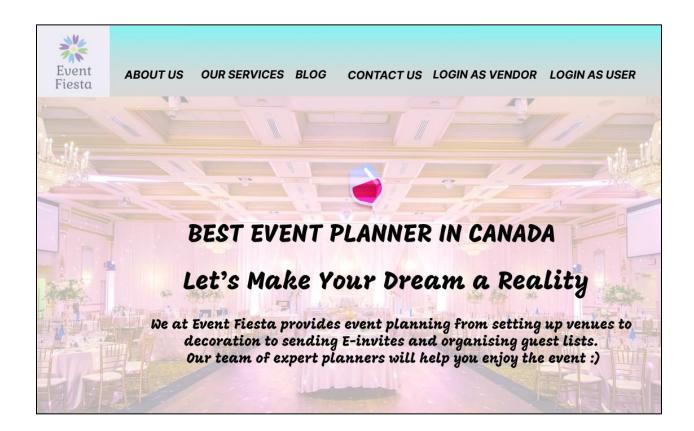
productive is the generation of e-invites for all guests, which eliminates the requirement to visit each person's home and hand out invites.

The organizing committee, on the other hand, has the opportunity of enrolling their company with us by simply submitting a survey that details the services they offer as well as the package details. The calendar of upcoming events makes it extremely simple for organizers to maintain track of events.

2. Mockups and explanation

2.1 Home screen and navigation

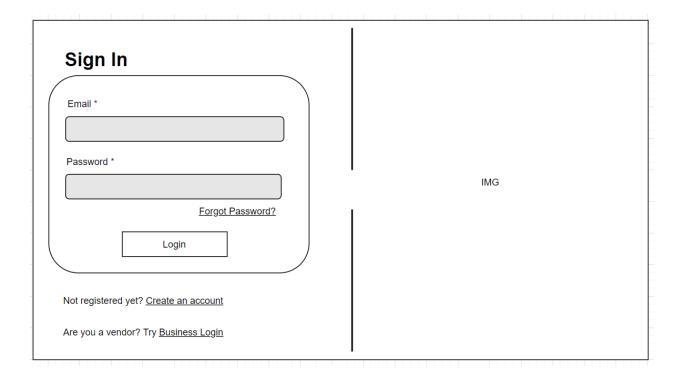
This is the home screen of our web app *Event Fiesta*. The top header contains the about us, our services, blog, contact us, and the login options: login as user and vendor.



2.2 Login and Register

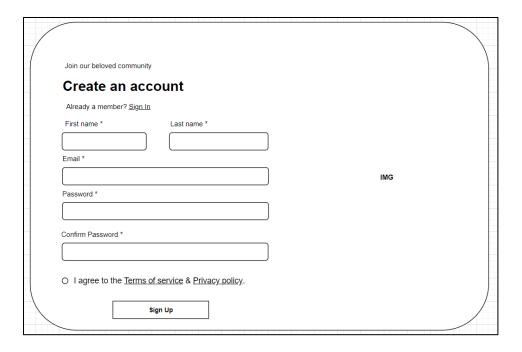
User Login

When a user clicks the user login button, the page below will appear, asking them to enter their email and password. They can register if they haven't already by clicking the Create an account link. The user shall click the Login button after entering their credentials. Following a successful login, this will cause the database to be checked for these credentials before redirecting to the home page. The website will display an error stating "Incorrect credentials" if the user's credentials do not match the database.



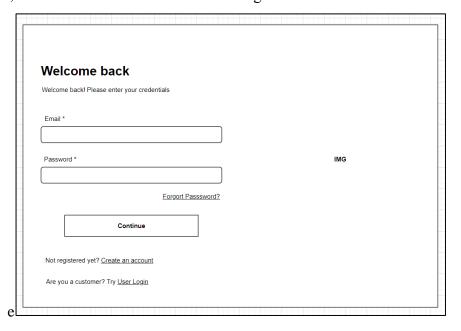
User sign up

The user's first and last names are required to create an account. In order to create the account, they would also require a password to secure their account and an email address. By selecting the radio button, each user must formally accept the terms of service and privacy policy. After clicking the sign-up button, the user will be registered and their information will be added to the database.



Business login

Business owners can login by providing their registered email address and passwords. After clicking on the *continue button*, the program will find the database for these business credentials and upon finding one user will be redirected to the dashboard page. If credentials are not found in the database, the website will throw an error stating "Incorrect credentials".

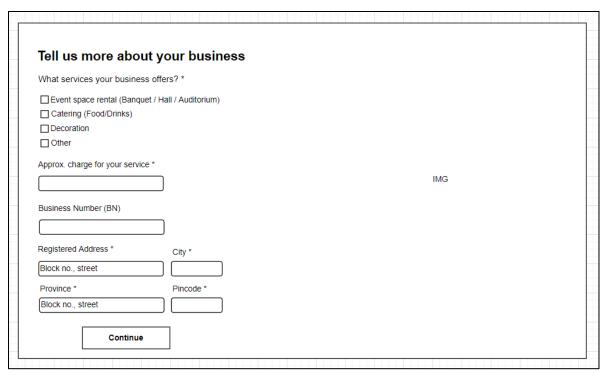


Business Registration

Businesses can register themselves by giving their business information. Some of the fields are required like business name, first name, last name, email, password, type of service business offers, approximate amount they charge for their service and contact number. There are also fields that are not mandatory like business number, what time they should be contacted and any other details they wish to share. After clicking on create account the business will get registered and their information will be added to the database.

Name of your busine		
First name *	Last name *	
Email *		IMG
Password *		
Confirm Password *		

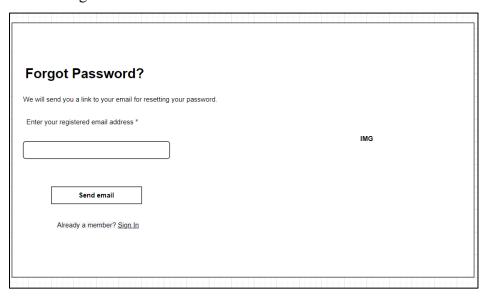
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Just a few more details.	
oust a few more details.	
Contact number *	
What time is appropriate to contact your business?	
hh:mm am/pm To hh:mm am/pm	
	IMG
Any other details you wish to share?	
O I agree to the <u>Terms of service</u> & <u>Privacy policy</u> .	
Create business account	

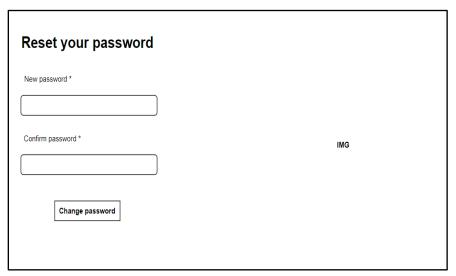
Forgot Password

By entering their registered email address, users can reset their passwords. After entering their email address and pressing the "**Send Email**" button. Website will check with the database if the given email is registered or not. If it is registered, an email will be sent to the user's email address with a link for resetting their account password. If not, the website will show an error message "This email id is not registered".



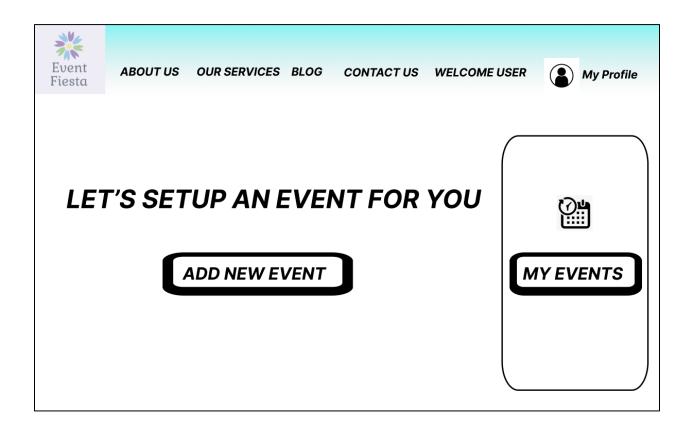
Reset Password

This page will only be accessible by a link sent to the user's email. Here users can write their new password and after confirming their new password user can click on the *Change Password* button and an update will be made of the user's new password to the database.



2.2 Users module

Once the user is logged in, they can view the events that they have already signed up for and they will also be given an option to sign up for more events to be organized by event organizing professionals. So, users can view all the upcoming events in the order of the event date, they can view and manage each event - make checklists for their reference, see the progress of the services done by the organizers so far.



Signing up for a new event

- Users can sign up for new events by clicking the "Add new event" button in the main page after they login.
- This takes them to a page where they will be asked about
 - what event they want to be organized (wedding, birthday party, etc),
 - o the location and
 - o date of the event.



- Based on the event they are choosing and the location, we show them all the services that are available for them like catering, event hall/auditorium, decoration, etc.
 - The user is supposed to choose the services they want,
 - their expected overall budget for the event.

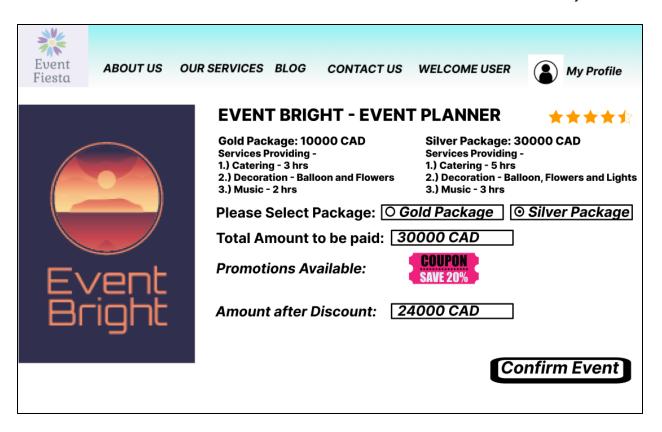
- We gather more details from users specific to the services they chose so as to find the best organizing professionals that match their requirements. This will be done based on the information we collect using a questionnaire-like form specific to each service. For instance, for the service of are, the information gathered will include
 - Inside area, outside area and terrace area.
 - In locations in India, we ask whether they need air conditioned or non-airconditioned halls
 - The seating capacity
 - The budget for the service (this is optional the user can also give an overall budget for the whole event)

Event Fiesta	ABOUT US	OUR SERVICES	BLOG C	ONTACT US	WELCOME US	ER	My Profile
		Pleas	se fill	below	form		
Please :	select serv	vices require	ed:				
□ Deco	ration	□ Catering		□ Music 3	System	□ Dane	ce
□ Sing	ers	□Anchors/	Host	□ Game	S	□ Mak	eUp
Overall	Budget: [
Guest C	count: [
Event A	rea:	O <i>lnside Area</i>	0 <i>ο</i> ι	ıtside Area	○ Terrac	ce Area]
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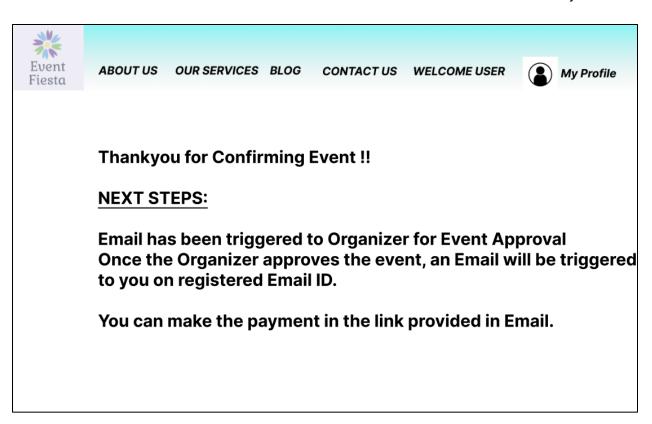
• With all the information gathered, we match this with details shared by the event organizing professionals. We fetch the information that the organizers submit when they register and do the processing on our end to show the results that match the user's expectations. The results include

- The detailed information about the services the organizers provide.
- The approximate budget.
- Reviews and rating of the organizers.
- The information shown about the event organizers will be sufficient but not full. The complete details regarding the organizers (their address and contact information) will be revealed only after the initial payment is made through our platform.





- Once the user chooses the organizer, we send the update to the organizer -both in their portal (business profile login) and as email to the organizers registered email id. The details include the event information and requirements of the client.
- The organizers are given a time of about 1-2 days to review and confirm the event.
- Once the organizers confirm, we update the same to the user via email and get an initial payment for them to complete the booking in email itself.



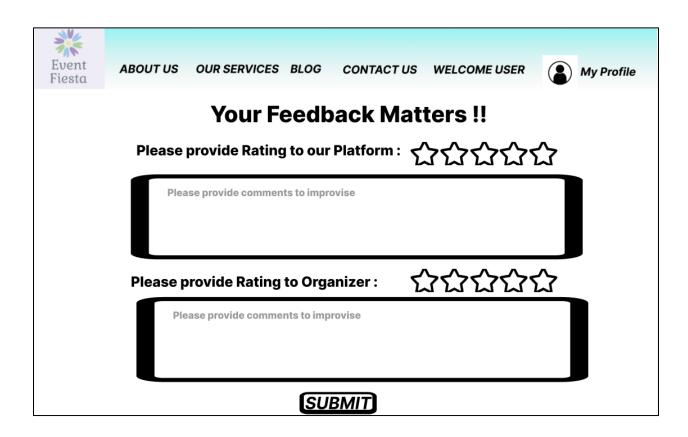
Upcoming events and completed events

The users can view the upcoming events and the completed events list in 2 tabs under the same section. The completed event details can be viewed but will be frozen for further updates. The upcoming events will list all the events they have enrolled for with us and users can manage these events.



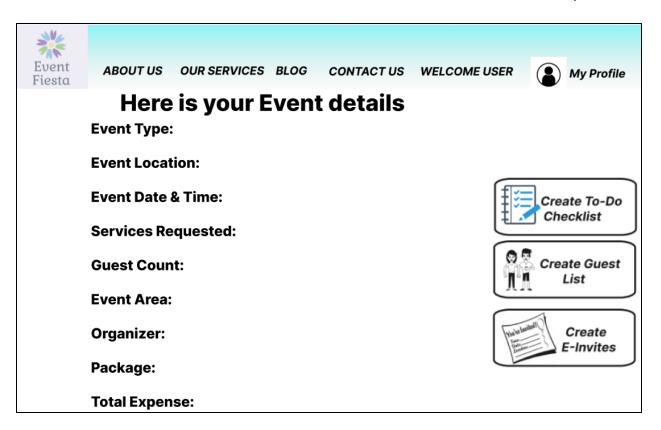
On clicking the **completed events**,

- Users can view the details about the event (limited update capability)
- Users can give ratings and reviews. This includes
 - An overall rating and review of our platform. They can share their experience using this platform, give feedback for us to improve.
 - Give ratings and reviews for each service / organizer.



On clicking an **upcoming event**, user will be shown with

- All the services they have chosen, the information about the organizers for each service.
- Track the progress of the activities done by the organizers.



- Message/ Conversation section: (feature in Backlog)
 - Users can communicate with the organizers here.
 - Follow up and/or collaborate with the organizers about their services, ask for the action plan the organizers are taking.
- Add reminders this will notify the organizers. Reminders act as enhanced follow ups
 and can be sent as mail to the organizers based on the priority of the reminder.

 Apart from this, users can create a task check list of the work they have to do for the specific event.

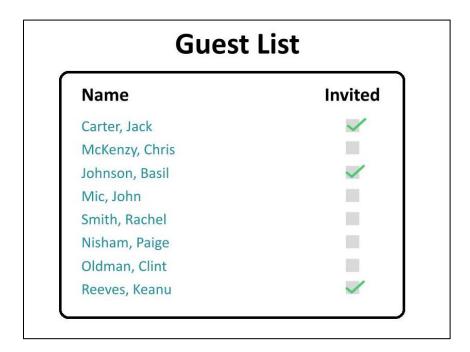
There is a lot of work one has to complete in order to successfully complete an event, and many things can go wrong or unattended. Check lists are proved to be very helpful in such situations. Here users can add their pending tasks by the date. Hence, they can keep track of all important tasks. They can view the pending tasks and mark tasks as completed with a visual view of how much work is pending and completed.

ion:c			
Invite	Guests		
Confir	m Makup artist	booking	50% Done
Check	with Caterer		50% Done
Decor	ation Confirmat	ion	

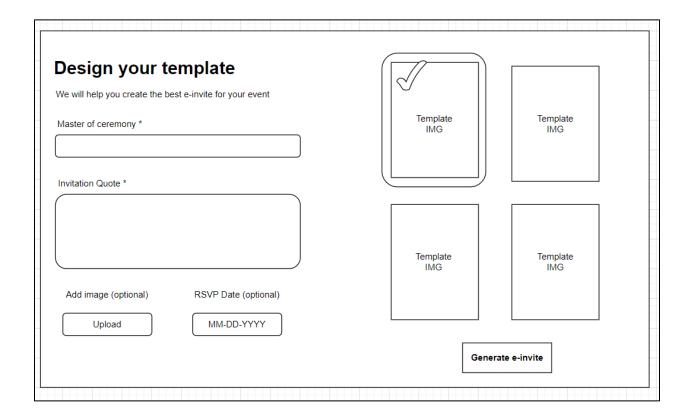


Here users can create a guest list so that they do not forget any important people to invite.
 Inviting guests and managing the invitations are one of the hardest parts of any event.
 Hence, we have a guest List to make it easier for the users.

They can add new guests and mark invited guests, which will make it easier for them to manage the invitation.

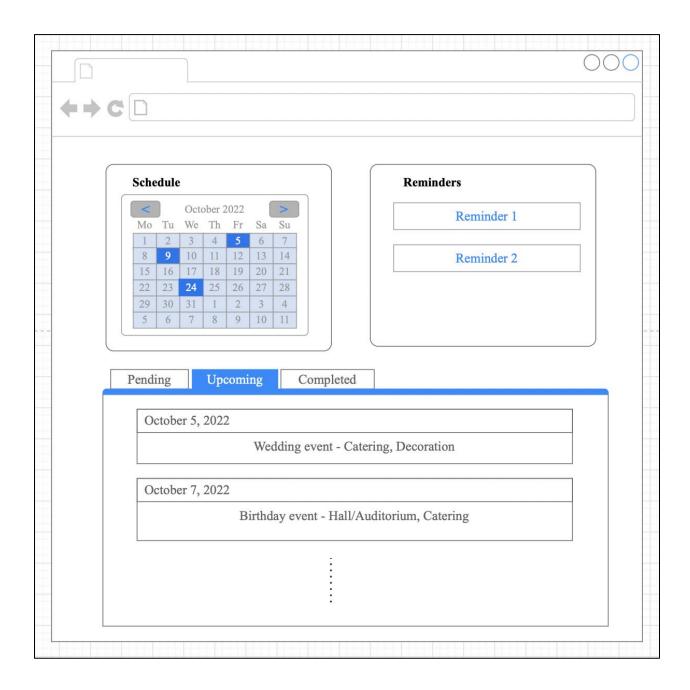


• Create e-invites or show already created e-invites. In the event that a user wants to design an electronic invitation for their occasion. Landing on the page below will allow them to do that. They can include the host's name and an invitation quote on this page.
Additionally, the user can choose whether or not to include an image from their device in the template. The template's design would be chosen as the final step. The system will update the template with user inputs and all the information needed by an invitee after you click the "generate e-invite" button. This template is available for download to a user's device.



2.3 Organizers module

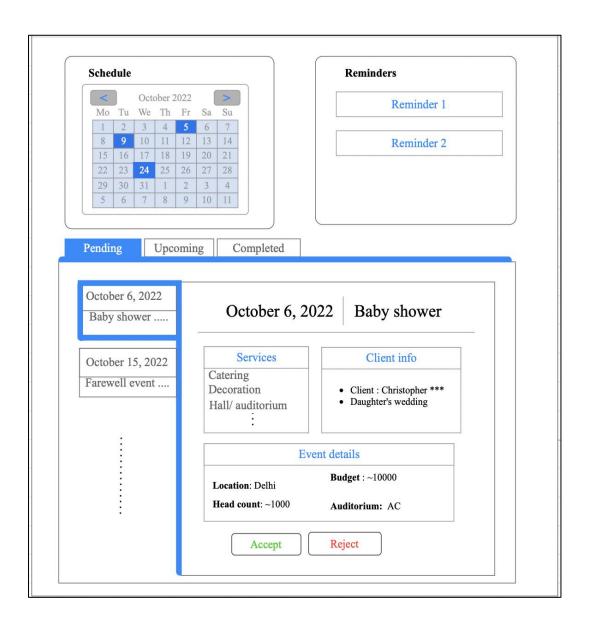
Our product serves as a service to the users and as a marketing platform to the organizers. We help organizers find the clients for them, easing it for them to concentrate on their service. We get all the details about the organizers - the services they provide, inventory information, their scaling capabilities (the range of the head count they support), etc at the time of registration.



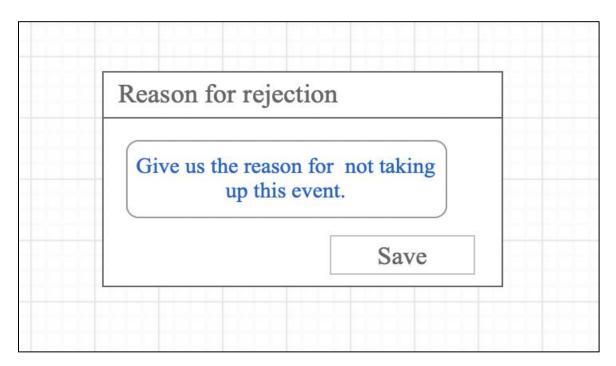
When an organizer logs in using the *Business login* option, they can view their schedules, the reminders and the list of events. The events are categorized in 3 sections:

- a section with the list of pending events that are awaiting their confirmation
- a section with complete list of their upcoming events (events that they have approved)
- all the events they have completed.

Pending events



- Organizers will be shown about
 - the details of the events
 - the client information (without revealing the full identity)
 - o The client's requirements for the services they are expected to undertake
- Organizers review this information and accept or discard it within 2 days.
 - On accepting the event, users are notified of this. Once the payment is made by the user, the event will be added to the upcoming events list.
 - On discarding the event, we get the reason for discarding which can be
 - Already booked for the day / time of event
 - Other reasons



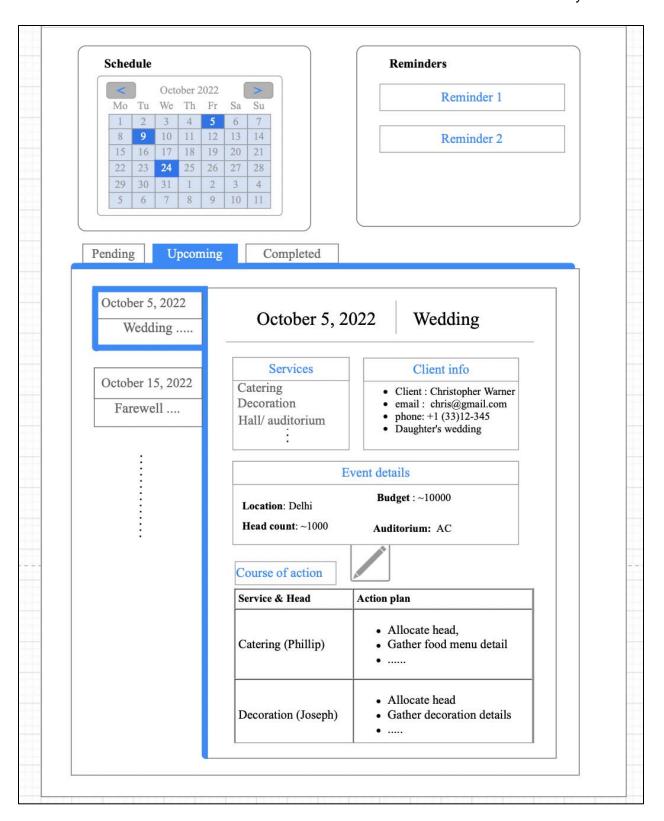
What we do based on this information:

- We note the time taken by each organizer to respond and show an avg response time to the user.
- We make note of the reasons for discarding for processing and maintain a discard/acceptance rate for the organizer and do analytics on our end. (Feature in Backlog)

Upcoming events

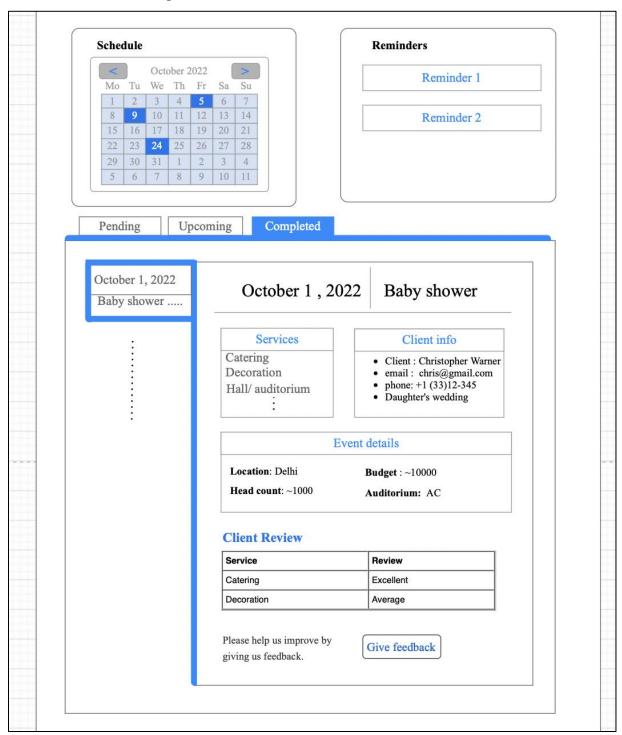
Once the user has completed the booking, we reveal the identity of the user and provide the contact information for them to communicate.

- See the client requirements.
- Mark each step taken towards completion of the service. (Similar to order tracking in amazon e-shopping after placing an order) This information will be shown as a progress bar in the user and also in the organizer's end, in this way users can track the extent of progress and follow up or make reminders in case of delay. E.g., in case of decoration,
 - Allocate to the person in charge for this event
 - Arrange the materials
 - Update when the decoration has been started, extent of completion
- We also provide them the opportunity to communicate with clients through our platform through messages. (Feature in Backlog)



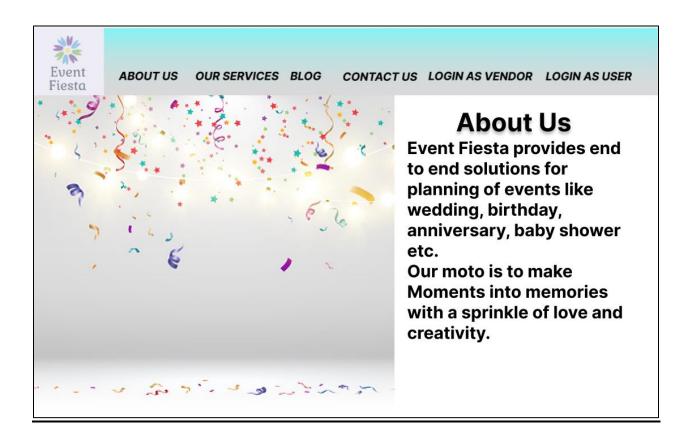
Completed events

View the events they have organized in the past. Read reviews / feedback written by the user. Give feedback about the platform.



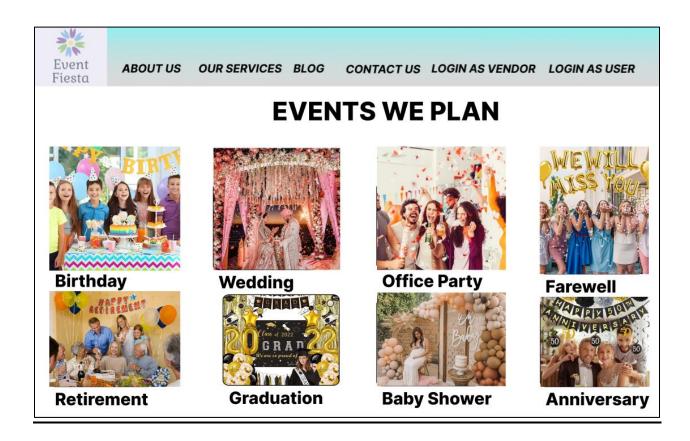
About us

When the user clicks the *About us*, the below screen will appear where the details about *Event Fiesta* is displayed.



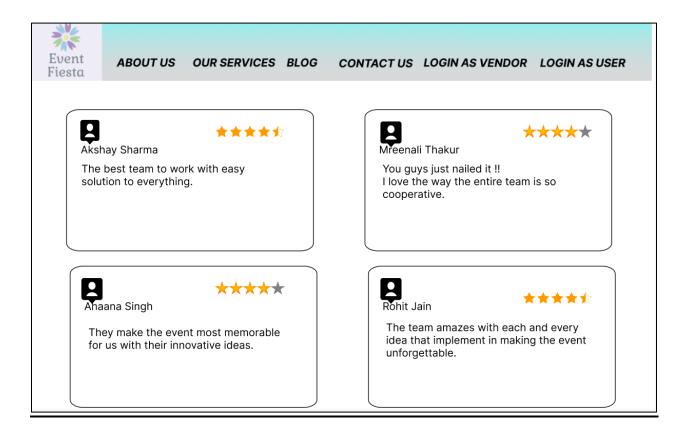
Our Services

This page displays all the Events we organize and the services they can opt for.



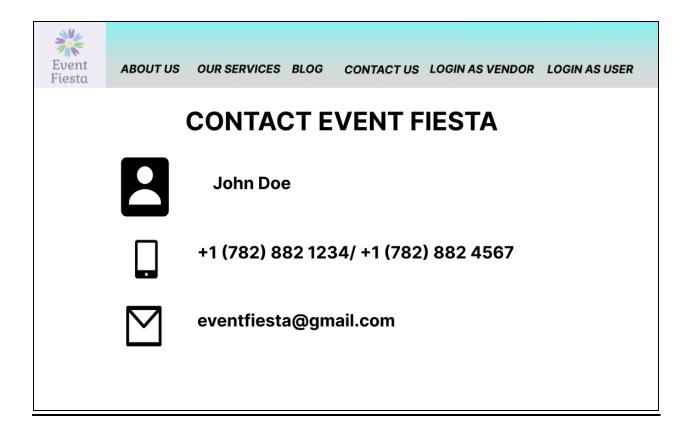
Blog and Reviews

Users can view the reviews posted by other users and their experiences with our platform.



Contact us

Here the details of our team will be displayed. Users can contact us for their queries or vendors can contact us for their queries related to the platform or their services.



3. Project Plan (Agile methodology)

Project is scheduled to be completed in 4 sprints following a brief submission period. Below is the detailed planning of all 4 sprints. There would be a sprint planning meeting at the end of every sprint. Additionally, as a team we will have regular standups and weekly meetings with the TA's.

Sprint 1: 3^{rd} October – 18^{th} October (25% Complete)

- Project Structure
- Database Schema
- CI/CD Pipeline
- Sign In/Sign Up Module (User & Business)
- Sprint 2 planning

Sprint 2: 19th October – 4th November (50% Complete)

- Add new events module
- My events module
- Event questionnaire module
- Organizer schedule module
- Reminder module
- Sprint 3 planning

Sprint 3: 5th November – 19th November (75% Complete)

- Organizer events history module
- Best organizer module
- Organizer details module
- E-invite module
- Payment module
- Sprint 4 planning

Sprint 4: 20th **December – 3**rd **December (100% Complete)**

- User feedback module
- Organizer update profile module
- Organizer feedback module
- User guest list module
- Event details module
- Regression testing

Submission: 4th December – 7th December

- Final Commits
- Deployment
- Report PDF
- Working video

4. Citations

- 1.) "The Collaborative Interface Design Tool.," *Figma*. [Online]. Available: https://www.figma.com/. [Accessed: 02-Oct-2022].
- 2.) "Diagrams.net free flowchart maker and diagrams online," *Flowchart Maker & Online Diagram Software*. [Online]. Available: https://app.diagrams.net/. [Accessed: 02-Oct-2022].
- 3.) "Explore the world's leading design portfolios," *Dribbble*. [Online]. Available: https://dribbble.com/. [Accessed: 02-Oct-2022].