



Saarthi

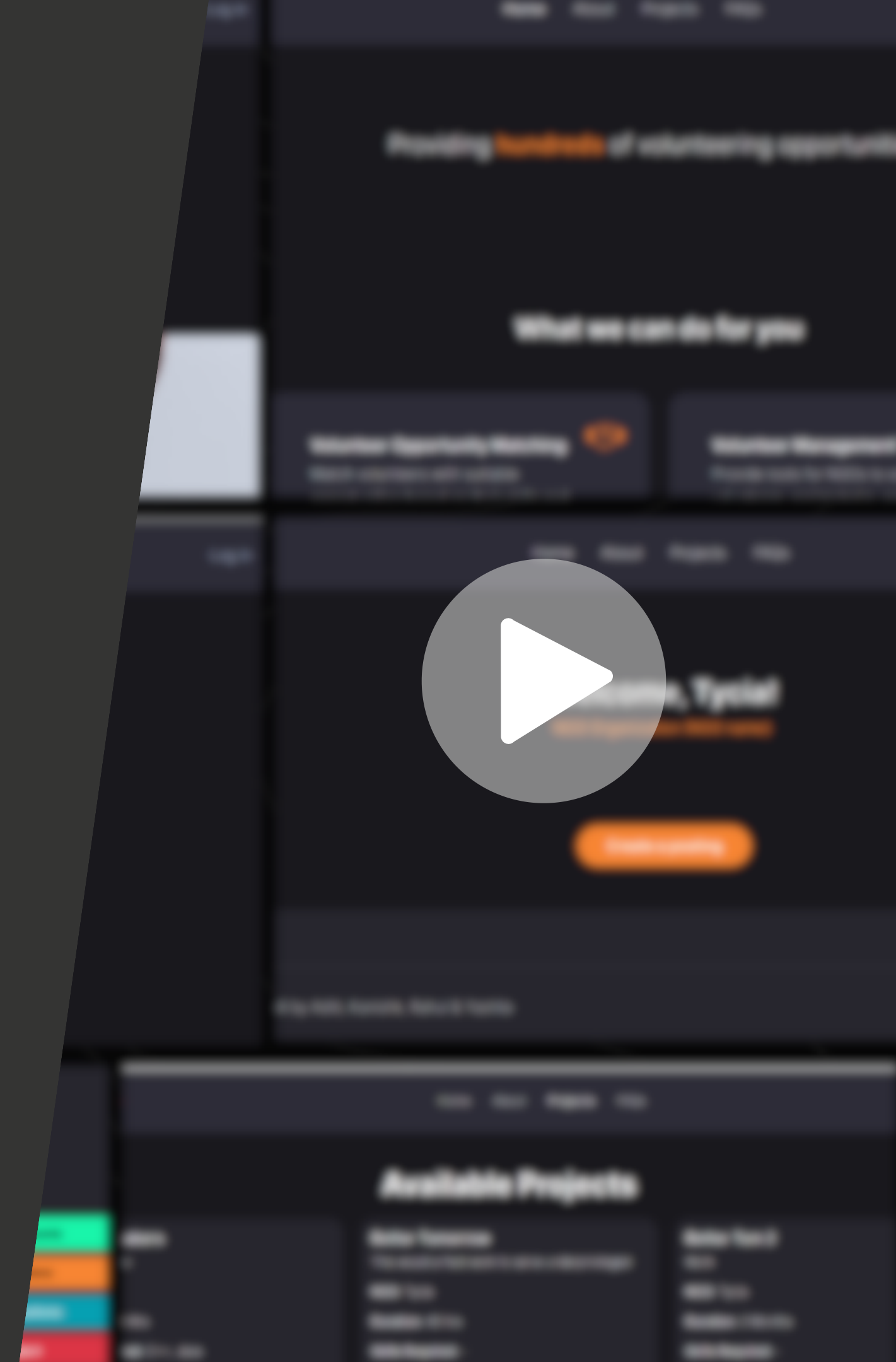
GROUP: 5

How it works?

- Saarthi simplifies volunteer coordination, leveraging learnings from the existing CW platform
- Students: Easily find CW-fulfilling opportunities in one place.
- NGOs: Connect with qualified student volunteers efficiently.
- College Admins: Gain clear visibility into student volunteering and CW credits.

What it offers?

- Saarthi offers a win-win situation for all stakeholders:
- Students: A streamlined approach to finding and completing CW-fulfilling volunteer opportunities.
- NGOs: An efficient tool to connect with qualified student volunteers.
- College Admins: Improved visibility into student volunteer activity and CW credit progress.



1.

User Journey

2.

Double Diamond

3.

Competitor
Analysis

4.

Reflexivity

5.

Personas

6.

Storyboarding

Research Methods

8.

Empathy
Mapping

10.

Prototyping

12.

Usability Testing

7.

Affinity Diagram

9.

Thematic
Analysis

11.

AB Testing



User Requirements

How?

We used surveys and interviews for gathering user requirements. This approach provided comprehensive insights by combining surveys with the depth of interviews.

Why?

It enabled a user-centered design by directly engaging with students to uncover their unique needs and preferences.

Outcomes

- Interviewing students revealed that there could be a potential bias as they are our batchmates and would likely say what we would like to hear hence we interviewed the NGOs and college admin.
- Interviewing NGOs offered valuable insights into their perspective on the system's benefits for hiring candidates.
- Lastly, consulting with the college's academic department validated the system's usefulness and ensured alignment with institutional goals.



Low-Fi

To iterate on the design, we started with a low-fidelity prototype in Figma using a light theme. Based on student feedback favoring dark themes, we switched to a dark theme in the high-fidelity prototype after doing AB testing.

[Low-Fi Link](#)

[High-Fi Link](#)

To expedite the prototyping process, we built a high-fidelity prototype directly in HTML and CSS with the help of Bootstrap Studio. This interactive prototype then served as the foundation for developing both the front-end and back-end code.

High-Fi



Usability Testing



Students

- To access the usability of the website we conducted pilot testing with 8 students. Students found the platform useful as it streamlined the process by providing them different opportunities through which they could complete their CW credits.
- Two out of the eight participants wanted the option for converting dark themes into light.

College Admin

We showed our website to the college academic department. They provided us with the following feedback:

- Our portal lacks the option of semester wise downloading student information including the name of the NGO, work proposal etc.
- Our portal does not provide an option to upload worklogs, posters, and certificates. They have an opinion that websites like ours usually hang because our user base is high.
- They feel that even if website is deployed why will NGOs come onboard if they have many hiring platforms and to incorporate all the students NGO numbers should be more as now they also allow students to complete CW credits with NGO those are not in the list of NGOs they have.

NGO

We presented our portal to Blessings NGO and asked for their feedback on the same. NGO found that our website worked as we had proposed and the frontend was simple and professional.

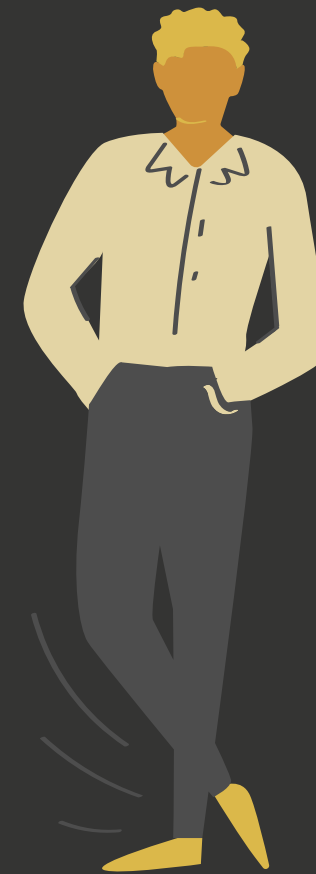
Submitted By



Aditi Singla
2021372



Kanishk Kukreja
2021393



Rahul Oberoi
2021555



Yashila Arora
2021436