



UEE_SE-S2-WE-11

UEE Project

SeaSavers

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SE-S2-WE-11

User Experience Engineering SE3050

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Declaration

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1 Milestone 2: Plan and conduct user research

1.1 Introduction

This user research plan outlines the methodology for conducting pre-development interviews for the Sea Savers mobile app. The app aims to facilitate beach clean-up events in alignment with Sustainable Development Goal (SDG) 14: Life Below Water. The purpose of this research is to validate the app concept, identify user needs, and gather insights to guide the development process. The findings will be used to refine the app's design and prioritize features for the initial development phase.

1.2 Test Objectives

1. Validate the concept of a beach clean-up organization app with potential users from the environmentally conscious younger generation.
2. Understand the motivations, needs, and pain points of eco-minded young individuals regarding beach clean-up initiatives.
3. Gather insights on desired features and functionalities for the Sea Savers app from the perspective of younger users.
4. Explore potential barriers to adoption and use of the app among the younger generation.
5. Assess the alignment of our app concept with the values and environmental goals of the younger demographic.

1.3 Methodology

We will conduct interviews with participants who matches our primary personas. The interview will be semi-structured, allowing for exploration of topics that arise during the conversation.

1.3.1 Interviewing

- Format: One-on-one, semi-structured interview
- Duration: Approximately 7 minutes
- Platform: Online via Microsoft Teams
- Equipment: Computer with camera and microphone, digital note-taking tools
- Interviewer: Sandeepa K.B.A.R., UX Researcher

1.3.1.1 Interview Script:

Introduction

- "Hello, and thank you for taking the time to speak with me today. My name is Radith Sandeepa, and I'm part of a project team developing a mobile app called SeaSavers, which focuses on coordinating and promoting coastal cleanup efforts. Our app is designed to bring together community members, tourists, and local businesses to engage in environmental conservation activities, with a special focus on beach cleanups. As someone deeply involved in environmental activism, your insights and experiences are incredibly valuable to us. I'd like to ask you a few questions about your work and gather your thoughts on how our app could better support initiatives like yours. This interview will be recorded with your permission, and your feedback will be instrumental in shaping our project. Shall we get started?"
- **Response:** "Thank you for having me. I'm really excited to see how technology can play a role in environmental conservation, and I'm glad to share my experiences. I think what you're doing with SeaSavers is important, and I'm happy to contribute."

1. What motivates you to engage in environmental conservation efforts, particularly coastal cleanups?

- **Answer:** "My primary motivation stems from a deep connection with nature and a commitment to preserving our environment for future generations. Coastal areas are particularly vulnerable, and I feel a personal responsibility to protect these ecosystems."

2. How do you typically get involved in or organize environmental initiatives?

- **Answer:** "I usually collaborate with local community groups and NGOs. We organize events through social media platforms and often partner with local businesses for sponsorships and support."

3. What challenges have you encountered when organizing coastal cleanups?

- **Answer:** "One of the biggest challenges is getting consistent participation from the community. People are often enthusiastic at first, but maintaining that momentum can be difficult. Additionally, coordinating with local authorities and securing necessary permits can be time-consuming."

4. How do you think a dedicated platform like SeaSavers could help in overcoming these challenges?

- **Answer:** "A platform like SeaSavers could centralize our efforts, making it easier to coordinate events, track participation, and engage the community. The competitive aspect might also help sustain interest over time. Plus, having a one-stop platform for all information and updates would streamline the entire process."

5. What features would you find most valuable in an app designed to coordinate coastal cleanups?

- **Answer:** "I would value features that allow for easy event creation, volunteer sign-ups, and real-time updates. A section for educational resources or blogs would also be great to raise awareness. The ability to track the impact of our cleanups, like the amount of waste collected, would be very motivating."

6. How important is community involvement in your environmental work?

- **Answer:** "Community involvement is crucial. Environmental conservation is a collective responsibility, and engaging the community ensures that we can create a lasting impact. It also helps to educate and inspire others to take action."

7. Would you be open to participating in a competitive cleanup event, and how do you think it could influence participation?

- **Answer:** "Absolutely! A bit of friendly competition could be a fun way to boost participation and keep people engaged. It could also encourage more people to join in, especially if there are incentives or recognition for their efforts."

8. How do you currently communicate and share your environmental activities with the public?

- **Answer:** "I primarily use social media platforms like Facebook and Instagram to share updates, photos, and results of our activities. We also have a mailing list for more detailed reports and event announcements."

9. What is your view on collaborating with businesses or sponsors for environmental projects?

- **Answer:** "Collaboration with businesses is essential. It not only provides the necessary funding and resources but also helps in reaching a wider audience. However, it's important that these collaborations align with our environmental values and goals."

10. How do you measure the success of your environmental initiatives?

- **Answer:** "Success is measured by both immediate and long-term impact. For coastal cleanups, the amount of waste collected is an immediate indicator, but long-term success is about reducing pollution levels and seeing more community members engaged in ongoing efforts."

Closing Thoughts

- "That concludes our questions for today. Thank you so much for sharing your experiences and insights with me. Your input has provided us with a deeper understanding of the challenges and opportunities in organizing coastal cleanups, and it will greatly influence how we develop SeaSavers to better serve the community. If you have any additional thoughts or suggestions, please feel free to reach out. We truly appreciate your time and contribution to our project. Thank you again, and we look forward to staying in touch as we move forward."

- **Response:** "Thank you for having me. I'm glad to have been part of this, and I'm excited to see how SeaSavers develops. Best of luck with your project, and I'd be happy to help in the future if needed."

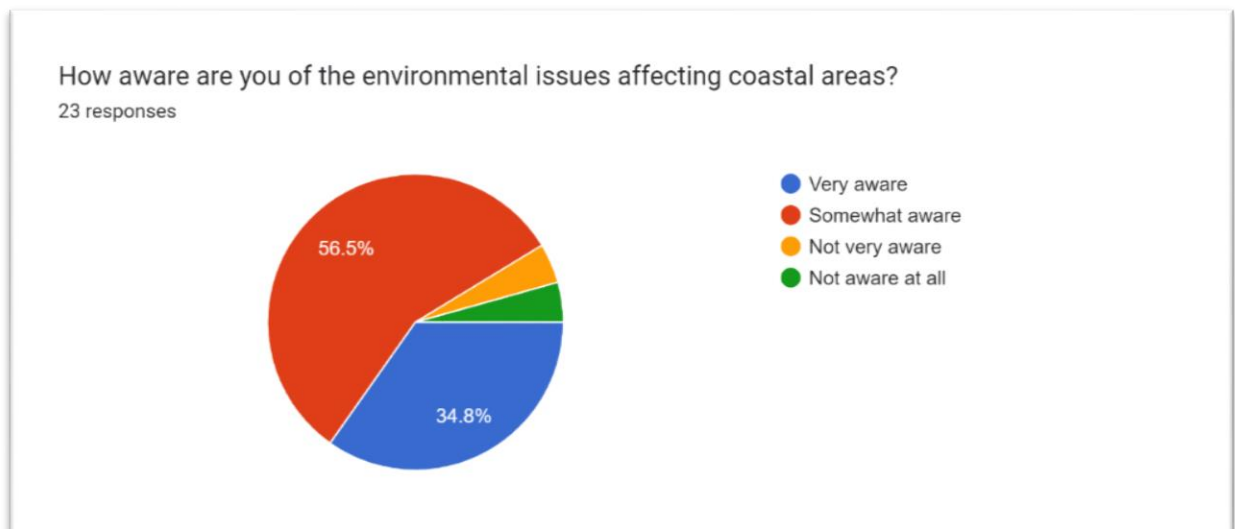
1.3.2 Video Recording

Interview Recording

1.3.3 Questionnaire

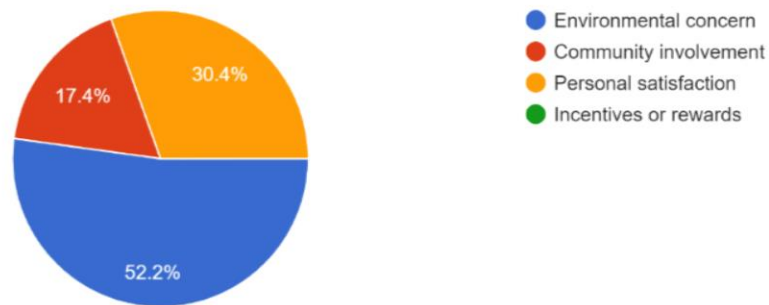
Questionnaire

Survey Responses



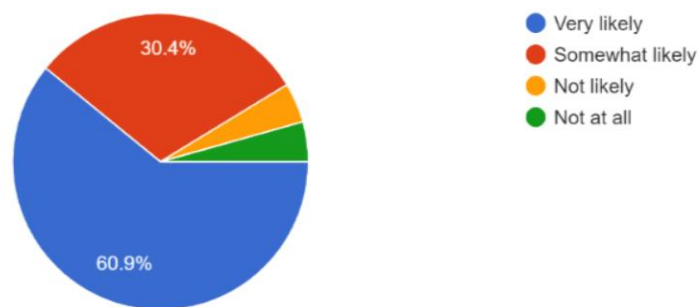
What motivates you to participate in coastal cleanup activities?

23 responses



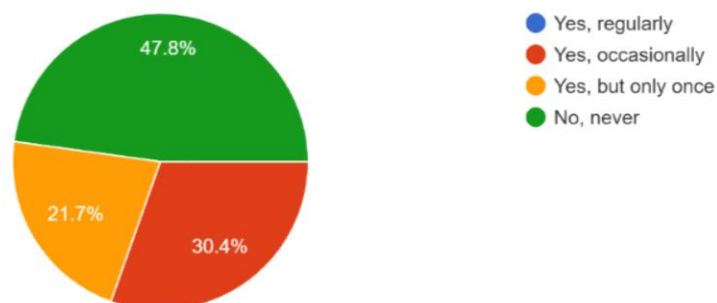
How likely are you to join a beach cleanup if it were organized near your area?

23 responses



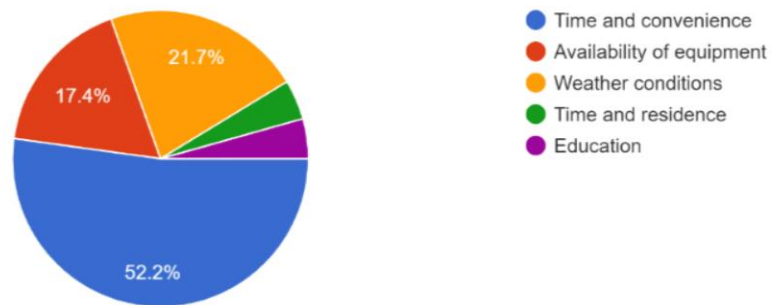
Have you participated in any beach cleanup activities before? If yes, how frequently?

23 responses



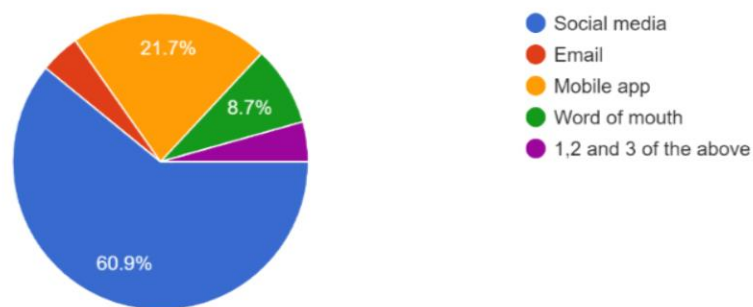
What factors would encourage or discourage you from participating in a beach cleanup event?

23 responses



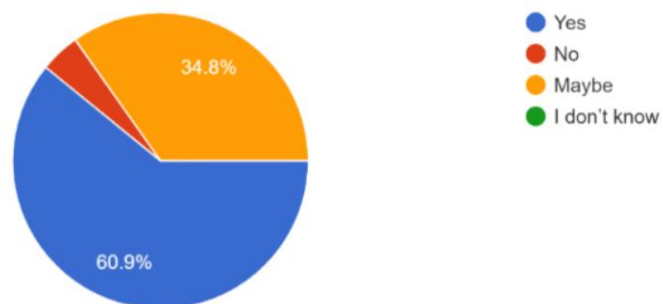
How do you prefer to receive information about upcoming beach cleanups?

23 responses



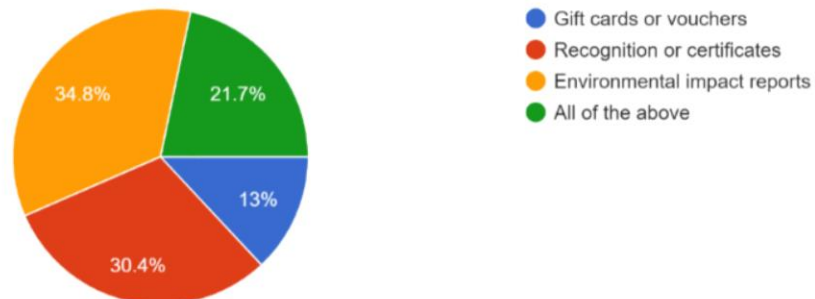
Would you be more interested in participating in a beach cleanup if it were structured as a competition?

23 responses



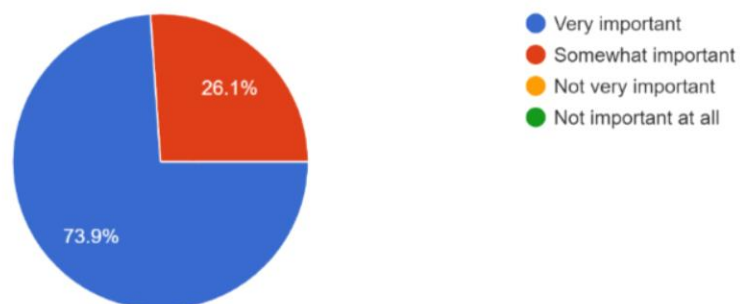
What types of rewards or incentives would motivate you to participate in a beach cleanup competition?

23 responses



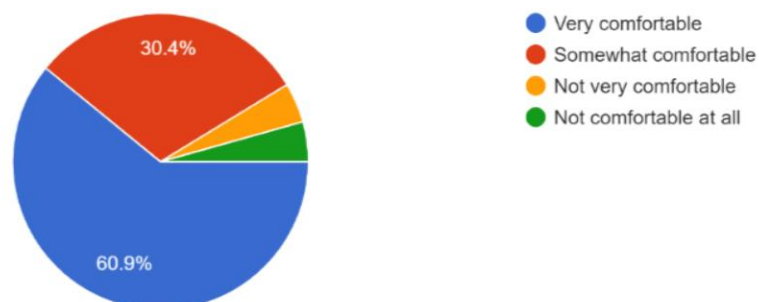
How important is it to you that beach cleanups are fun and engaging, rather than just task-oriented?

23 responses



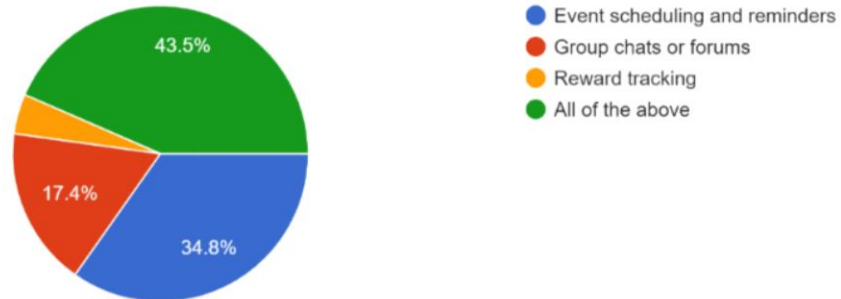
How comfortable are you using mobile apps to coordinate and participate in events?

23 responses



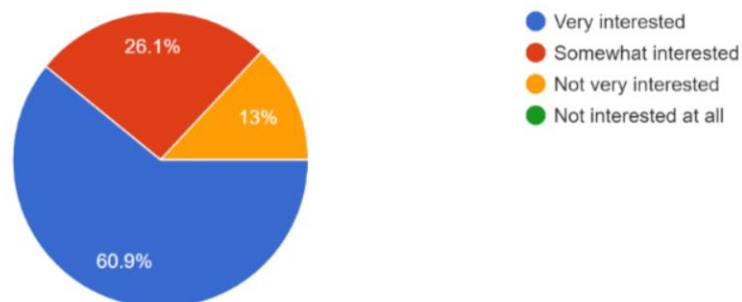
What features would you find more useful in an app designed to organize and promote beach cleanups?

23 responses



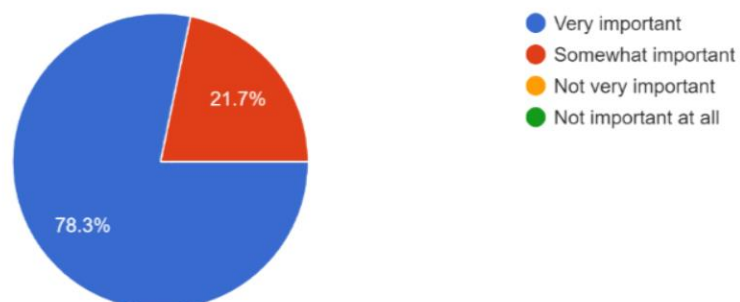
How interested are you in reading or contributing to blogs and discussions related to environmental conservation within the app?

23 responses

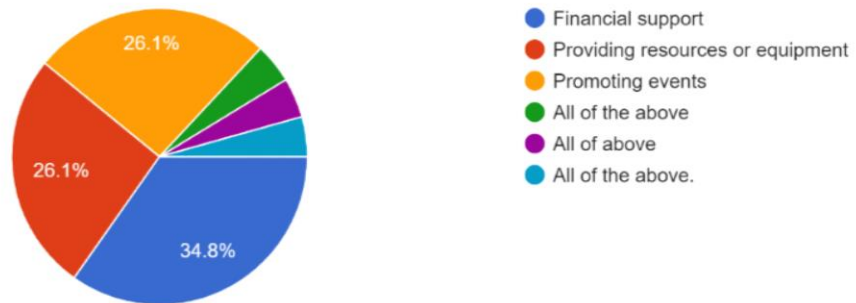


How important is community involvement in environmental conservation efforts to you?

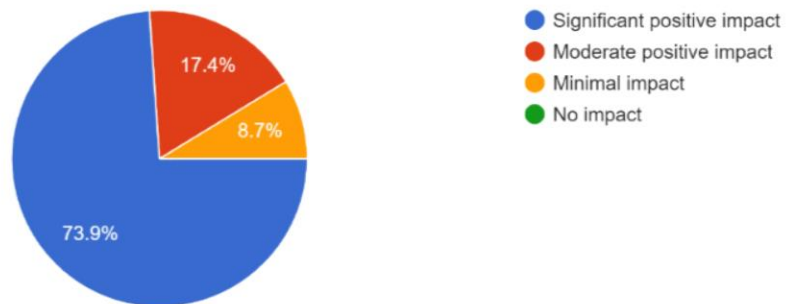
23 responses



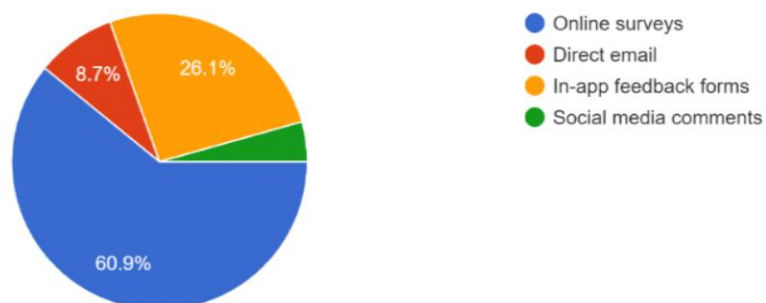
How do you believe local businesses and sponsors should be involved in beach cleanup activities?
23 responses



What impact do you think beach cleanups have on your local community and environment?
23 responses

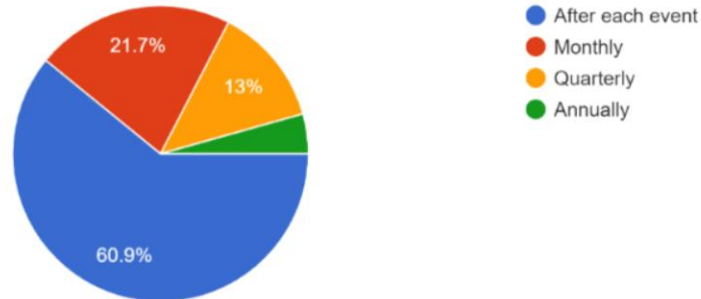


How would you prefer to provide feedback or suggestions to the organizers of beach cleanups?
23 responses



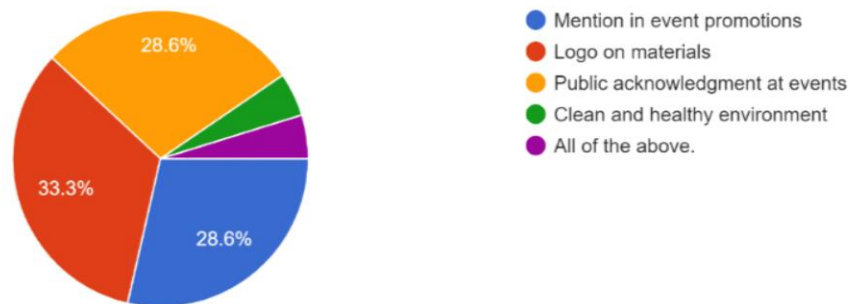
How often would you like to be updated on the progress and impact of the beach cleanups you participate in?

23 responses



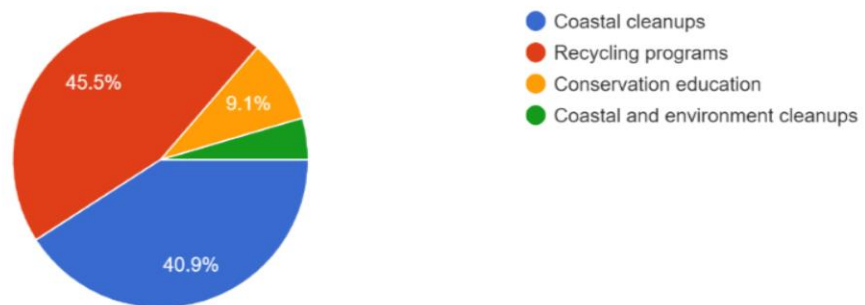
What type of recognition or visibility would you expect from supporting a beach cleanup?

21 responses



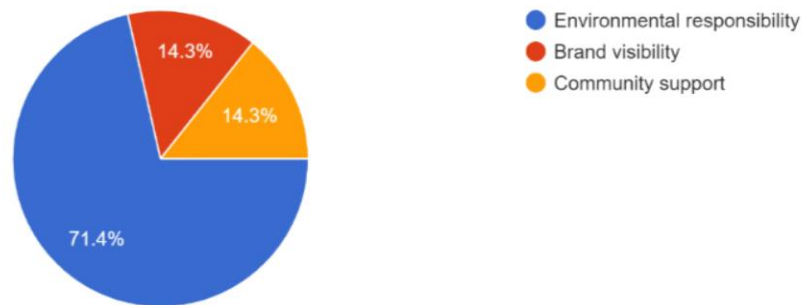
What types of environmental initiatives do you prioritize for sponsorship?

22 responses



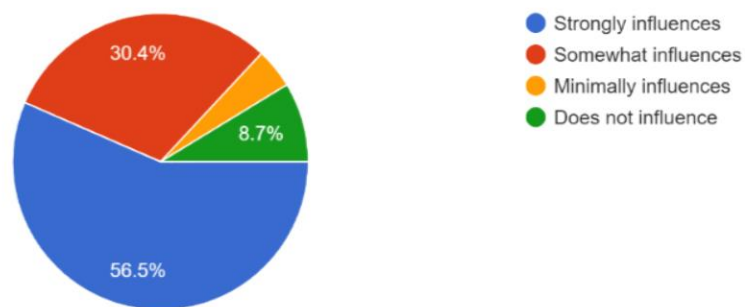
What motivates you to sponsor coastal cleanup activities?

21 responses



How does your background influence your view on coastal conservation?

23 responses



What specific concerns do you have about the coastal environment in your area?

23 responses

