SAGE

User Testing

Authors

Joanna Talvo (18342523)

Chloe Ward (18302716)

Supervisor

Dr. Annalina Caputo

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We conducted user testing after we completed developing our application. We asked some people from the pre-development survey if they were interested in testing our application. Out of 15 respondents who took the pre-development survey, we got 10 people to test out our application. The participants who took part in the testing were a mix of ages 18-30.

The testing was conducted online via discord and messenger. The survey form link was distributed to the participants through these chat apps. We were present the whole duration of the testing accompanying our participants. We provided them with a sequence of steps that they can follow for testing the application. Below is the list of steps:

SEQUENCE OF STEPS FOR USER TESTING

1. Landing Page - ask users to have a look around
2. Click the get started button - takes the user to the Login page
3. Ask users to check sign up page as well as forgot password page
4. Could do either way depending on the preference of the user
    a. Give them an account to use
    b. Can create their own account
5. Create a group or get invited to the group
6. Edit the group name
7. Create an event (for admin users)
8. For the choosing a location, go to temple bar
    a. For Activities
        i. Pick Shopping and Museum
        ii. Pick three options
        iii. Check the details button
    b. For Food
        i. Pick Bubble tea
        ii. Pick two
        iii. Check the details button
    c. For Movies
        i. Pick Animation
        ii. Pick three
        iii. Check the details button
9. Check groups page
10. Check events
    a. Leave a comment
11. Update the event name, date, and time (for admin users)
12. Check Profile
    a. Edit Profile
    b. Change password / Change Email / Delete Account
13. Check the calendar and add an event
14. Finally log out

The following are the questions we asked for our user testing:

QUESTION 1

What do you like most about the application?

10 responses

> The quality of the UI design. I particularly enjoyed the colours used as they were easy on the eye and very easy to distinguish.

> The different features and colours

> The DESIGN! So pretty.

> The side bar profile, the colours, landing page, lovely!

> The design of the user interface was very clean and simple, I also liked how the components were interactive e.g. clock for setting time

> The use of colours and simplicity. A lot of features.

> The UI is excellent and very nice to deal with

> I liked the layout and the overall look of the application. It's very nice to the eyes and welcoming.

QUESTION 2

What do you like least about the application?

10 responses

> I can't upload profile picture >:^(

> Can't change profile picture

> The map screen looks very old.

> refreshing the page in some cases to get updated list

> There are a few bugs and when I write comments I cant just press enter

> Can't upload a profile picture

> The calendar is broken when cancelling and needs to reload automatically

> The bugs

> No friends list, so you have to keep retyping emails to invite

QUESTION 3

Are there any extra features that you think the application needs?

10 responses

Some user feedback for the members invite notifying you that the invite was successful and that people joined.
Have a friend list so you can invite people more easily.
Being able to delete groups.

Make others admin to a group

profile pic upload, custom events and choices

maybe recommend an activity to do of some sort.

- It would be nice if we could view other people's profiles
- being able to enter comments using the enter key on keyboard
- a feature where you can edit the event name and details while you create it
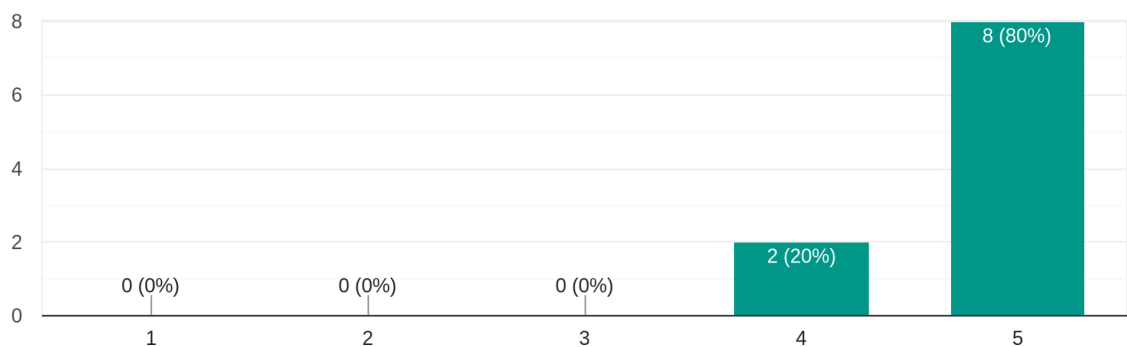
The ability to delete groups and events when done.

The ability to delete groups, the dashboard events going to the calendar, the ability to add friends

QUESTION 4

How would you rate the overall design? (colours used, icons, layout, etc.)
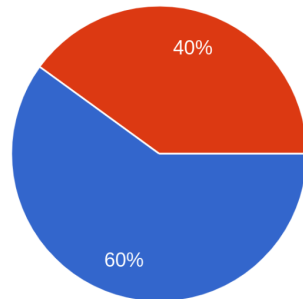
10 responses

QUESTION 5
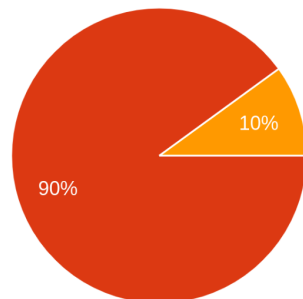
How would you rate the accessibility?

10 responses

Legend:
- ● Excellent
- ● Above Average
- ● Average
- ● Below Average
- ● Poor

Chart segments: 40%, 60%

QUESTION 6

How responsive were the functions of our app?

10 responses

Legend:
- ● Extremely Responsive
- ● Very Responsive
- ● Somewhat Responsive
- ● Not so responsive
- ● Not at all responsive

Chart segments: 10%, 90%

QUESTION 7

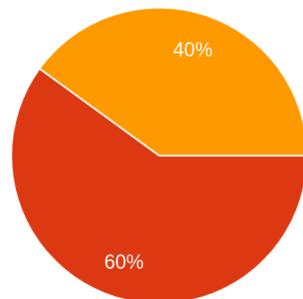How helpful is this application to you?
10 responses
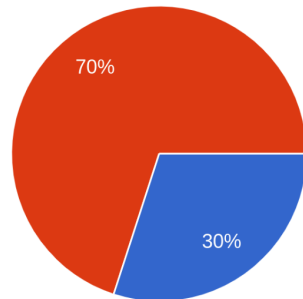
- Extremely helpful
- Very helpful
- Somewhat helpful
- Not so helpful
- Not at all helpful

70%
30%

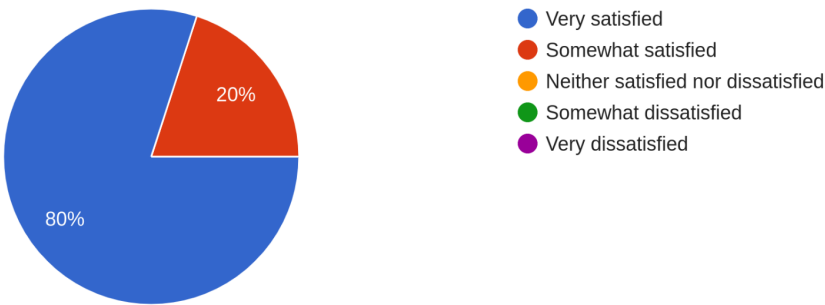# QUESTION 8

How often would you use the application?
10 responses

- Once a day
- Every few days
- Once a week
- N/A

40%
60%

QUESTION 9

Rate your overall experience using the application.
10 responses

- Very satisfied
- Somewhat satisfied
- Neither satisfied nor dissatisfied
- Somewhat dissatisfied
- Very dissatisfied
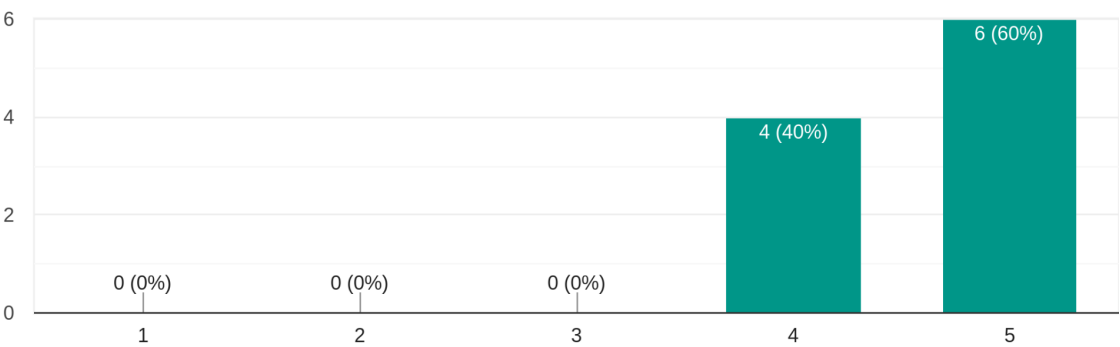
QUESTION 10

How likely are you to recommend this application to you friends?
10 responses

QUESTION 11

Do you have any comments or feedback?

10 responses

The app is great! Please continue working on it after college :^D

very good for not knowing what to do with groups x

few bugs to fix but it's clear a lot of work has been put into this!

some bugs could be further fixed and some features could be further improved. overall, well made!

- I love the overall design of the app and I would definitely use it as it is very easy and fun to use
- I really like the idea of the app as it is very relevant to my daily lifestyle
- sometimes results do not show up unless i refresh the page
- when testing the map feature i found that when I zoomed in or out the location icon moved and the text that appeared when i placed the icon was placed in an annoying way
- it would be useful if the activities/food/restaurants/movies that are not available to you are filtered out of the options you are given to further minimize the options
- whenever I try to cancel the calendar events it still shows up as an event

map could be further improved, show the location of where the red icon is

User testing allowed us to gain understanding of the users needs and what could be improved to further enhance the users overall experience. From the responses we got above, we realised how beneficial and essential our application would be to people. We also comprehend how much potential there is to this application if only we could further improve the UI and functionalities.

We made a few changes to the application after the user testing. The following changes are:

- Added success feedback when a group is created, or a member is created.
- Improved some of the UI components such as adjusting the size of the cards.
- Offer more error handling.
- Adding more icons to inform the users the purpose of the link.