



Study Buddy

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Problem

- 1 Different students have different study times and schedules.
- 2 Other study platforms don't integrate productivity-boosting tools.





Motivation

- 1 Various research has shown that studying in groups is more effective than studying alone.
- 2 Fostering a sense of community across campuses.
- 3 Personal experiences relating to quarantine isolation.

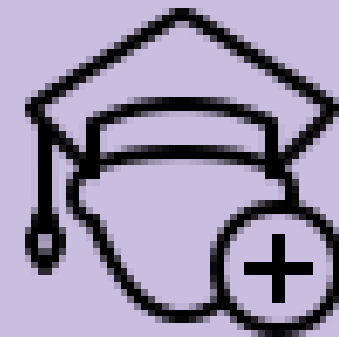




Stakeholders



University (NYUAD)



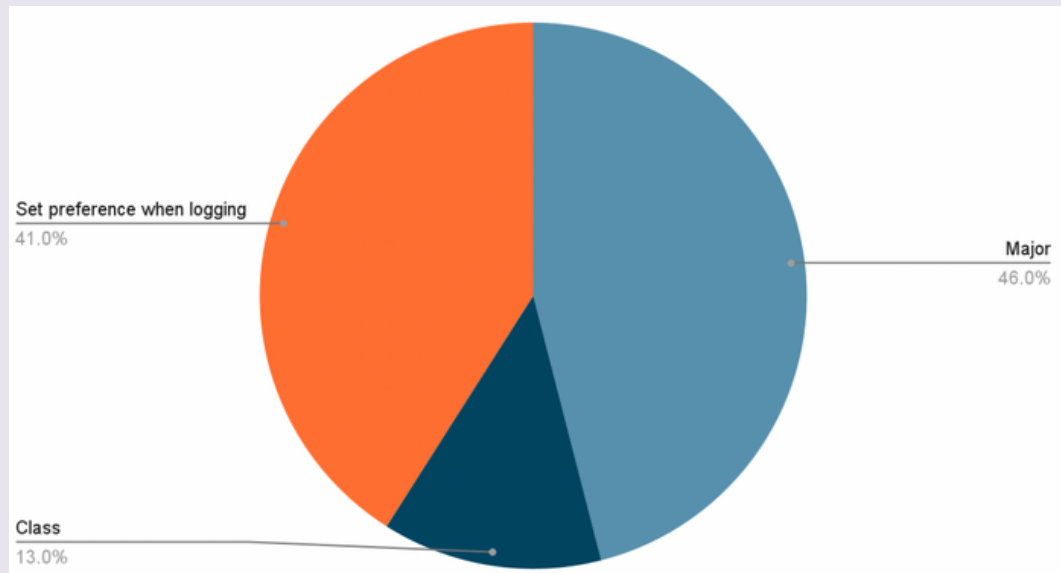
Students



Requirements

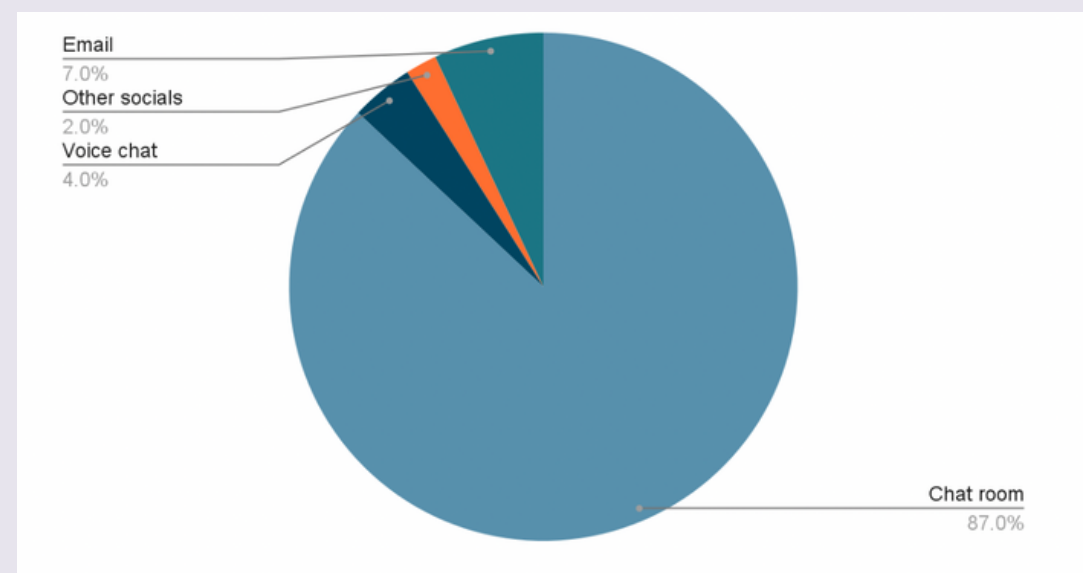
1

How would you prefer to be matched within study groups?



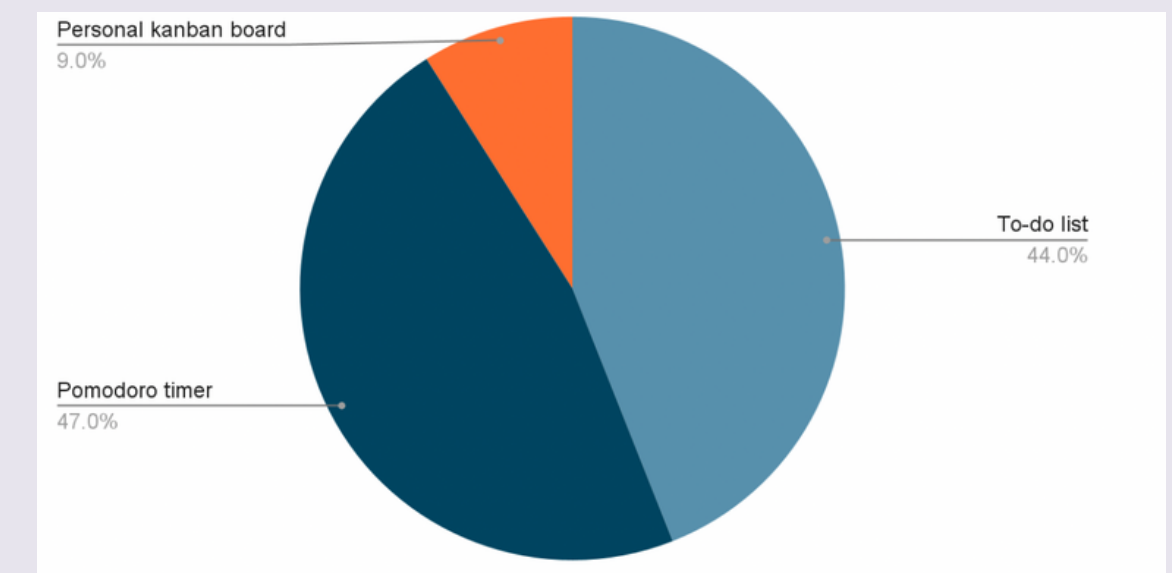
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How would you like to communicate with fellow study group members?



3

What productivity tools would you like to see on the application?





Solution

STUDY BUDDY

Your go-to platform to
connect with other NYU
students to socialise
and be productive at
the same time!






Solution

Authentication

Use Google OAuth to restrict the platform to NYU students.

 Sign in with Google

Sign in

to continue to studybuddy-server.herokuapp.com

[Forgot email?](#)

[Create account](#)

Next



Solution

Matching

Matching based on the preference of the user, the user either gets directly to a chat room if it is available or they have to wait for someone else to join in case the available chat rooms are full or there is not a chat room yet.

Close

☐ Major

☐ Class

☐ Random

Match

Close

Please type your major:

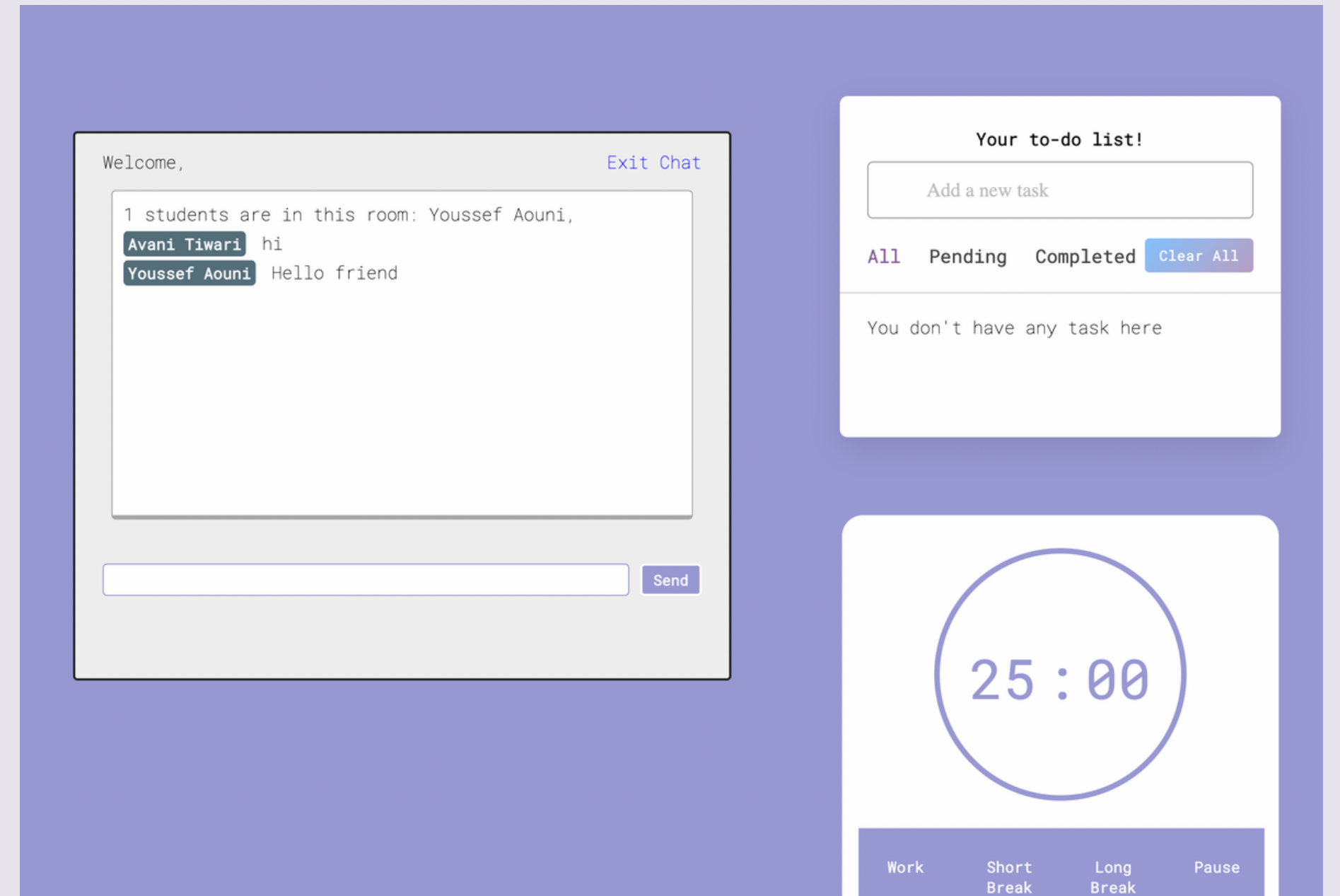
Submit



Solution

Chat Room

You can talk to people in the chat room, maintain a personal to-do list, and have a synced pomodoro timer to boost your productivity.





Solution

Support

There is a detailed set of instructions on how to navigate the website along with an email address where you can seek help in case anything is not working for you and a feedback form for us to gather continuous feedback from you – our users!



Welcome to Study Buddy Help Page!

[Back](#)

Study buddy allows you to match with other people and study with them and use various productivity tools to make the best of your time here.

In order to match with people you have to login using your NYU emailIDs. This should lead you to the second page where you can choose among the productivity boosting apps.

You can also access these apps in from the chat rooms.

If you have troubles with these functionality contact us at study_buddy@gmail.com



Implementation

Languages, tools used, etc.

Full stack web application

Why?

- Platform agnostic - Easy to adapt to Mac/Windows
- Accessible - Every student owns a Web-capable laptop
- Low barrier - No installation process, just go to the website



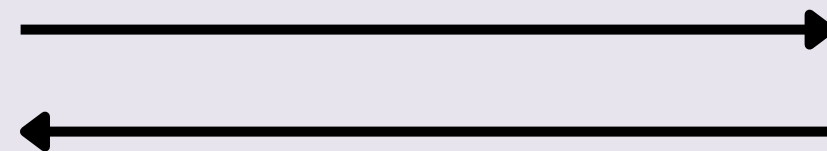
Implementation

Languages, tools used, etc.

Tech stack



Front-end
HTML / CSS / JS



Communication
HTTP / Sockets



Back-end
NodeJS / Express



Testing

Unit testing
Integration Testing
Validation Testing
Regression Testing



Authenticate User



Create to-do



Join chat room



Match People



Set Pomodoro

Test Case

Project Name: Study Buddy

Test Case ID: TC_MP_03

Test Priority (Low/Medium/High): Medium

Module Name: Match People

Test Title: Verify chat room availability

Test Designed by: Jun Ooi

Test Designed date: 02/05/2022

Test Executed by: Tuqa Abdelnasir

Test Execution date: 04/05/2022

Description: Once the user clicks on the "Start Studying" card, they should be able to set preferences and then be assigned a chat room based on their preferences.

Objective: Check that the user sees "Matching" if no chat rooms are currently available.

Test Case

Project Name: Study Buddy

Test Case ID: TC_AU_01

Test Priority (Low/Medium/High): High

Module Name: Authenticate User

Test Title: Enter valid NYU credentials

Test Designed by: Himanshi Lalwani

Test Designed date: 02/05/2022

Test Executed by: Avani Tiwari

Test Execution date: 04/05/2022

Description: Once the user clicks on the login button, they are directed to Google OAuth and they enter correct NYU credentials. They also allow Google to share their name with Study Buddy.

Objective: Check that the user is directed to the home page.



Demo





Thank you!

Happy Studying!

