**Progress Report**

**- Increment 3 -**

**Group #13**

*Please use this template to describe your progress on the group project in the latest increment. Please do not change the font, font size, margins or line spacing. All the text in italic should be removed from your final submission.*

# Team Members

Jillian Bice - JCB22B - JBice1

Brandon Cook - BTC22B - btcook2004

Brandon Specht - BMS22H - retrospecht

Matthew Bucataru - MCB22E - mbucataru

Libby Sauer - ES20FK - libbyssauer

1. **Project Title and Description**

RoommateRoundup - Tinder, but for roommates. Answer a questionnaire about your roommate preferences, then get a Tinder-style interface that allows you to swipe left and right on certain roommates. After both sides match with each other, the app starts a chat to allow both sides to discuss specific information.

1. **Accomplishments and overall project status during this increment**

Frontend:

* We designed the website cohesively
* We made all of the links in the navBar usable
* We made it so users could edit their profile
* We made it so users could swipe on other users profiles and when they are swiping they can see the other users profile and their own for comparison and see the other users bio
* We made it so users could view their matches
* We made a message that pops up if the user has not filled out their profile questionnaire
* We made a message that pops up stopping the user from swiping if they swiped on all users
* We made a functional sign out button
* We made it so users could message their matched users on the app
* We made it so users could sign up and in
* We created a fast app by changing out buttons to react links

Backend:

* We created routes for the frontend to fetch data from
* We created swiping logic that will identify matches and ask the frontend to perform accordingly
* We created a sample data script to populate the database with sample users
* We created a messaging system between matched users
* We edited the database schema to better match what we were trying to accomplish

*Describe in detail what was accomplished during this increment and where your project stands overall compared to the initial scope and functionality proposed.*

1. **Challenges, changes in the plan and scope of the project and things that went wrong during this increment**

*Please describe here in detail:*

*- anything that was challenging during this increment and how you dealt with the challenges*

*- any changes that occurred in the initial plan you had for the project or its scope. Describe the reasons for the changes.*

*- anything that went wrong during this increment*

*-* Elizabeth Sauer wanted to make sessions and cookies but it simply did not work

1. **Team Member Contribution for this increment**
   1. *the* ***progress report****, including the sections they wrote or contributed to*

i) Brandon Cook (3)

1. Wrote the backend part of section 3

ii) Matthew (3, 4, 5, 6, 7, 8)

* + - 1. Made the video for section 8
      2. Wrote section 7
      3. Wrote some of section 3

iii) Jillian Bice (3,5)

1. Wrote some of section 3
2. Added to section 5

iv) Brandon Specht (1,2)

1. Wrote Section 1
2. Co-write for Section 2

v) Elizabeth Sauer (4)

1. Wrote an issue faced in section 4
   1. *the* ***requirements and design document****, including the sections they wrote or contributed to*
2. Brandon Specht (6,7)
   1. Wrote Section 6
   2. Co-writer for Section 7
3. Jillian Bice (1,2,3,4,5)
   1. Wrote Section 1
   2. Wrote Section 2
   3. Wrote Section 3
   4. Copied image over for Section 4
   5. Copied image over for Section 5
4. Libby Sauer(4,5)
   1. Drew the diagram for 4
   2. drew the diagram for 5
5. Brandon Cook
   1. General revision
   2. *the* ***implementation and testing document****, including the sections they wrote or contributed to*

i) Brandon Cook

1. General revision

ii) Brandon Specht (1,2,4)

1. Wrote Section 1
2. Wrote Section 2
3. Co-writer for Section 4

iii) Jillian Bice (3,4)

1. Wrote section 3
2. Wrote some of section 4
   1. *the* ***source code*** *(be detailed about* ***which*** *parts of the system each team member contributed to and* ***how****)*

i) Jillian Bice

1. I used CSS to style the content of every page
   1. The index page
   2. The dashboard page
   3. The swipe page
   4. The matching page
   5. the profile page
   6. The edit profile page
   7. The sign in page
   8. The sign up page
2. I created the feature in which when you swiped on all the users possible you stop getting the option to swipe. Instead you get a message that says no more users and a link to the matches page.
3. I used CSS to completely style the navigation bar.
4. I assisted Brandon C in getting the edit profile page to functionally edit profile
5. For every page, I sent the background color, color scheme, styled the buttons, made all text boxes look the same, set the font and font color
6. At one point there was no connection to the edit profile page. So I resolved that connect issue, allowing it to be accessed again, and I created a skeleton version of the edit profile page, which my team members built off of.

ii) Brandon Cook

1. Created remaining issues since the end of increment 2 to complete the front ent
2. Tested everything as it was merged from anyone
3. Fixed the “broken” react where the pages were entirely loading instead of dynamically updating
4. Created the edit profile section
   1. Created the pages
   2. Implemented frontend and backend logic for getting the currently saved information
   3. Implemented frontend and backend logic for editing the currently saved information
   4. Implemented a “save successful” message after hitting save
5. Edited the database schema to better match the project
6. the login table now holds contact information and the bio information for a user
7. the questions table is now functional with survey question answers
8. Edited the navbar to allow a better user experience flow
9. Designed and implemented user login and sign up processes
10. designed the login and signup pages
11. created router for letting a user sign in and checking username and password
12. created routes for letting a user sign up and disallowing duplicate usernames

iii) Brandon Specht

1. I fixed a bug where the user could see themselves on the swipe page. This involved creating a filter that would filter out the current user’s username from the data fetched from the database.
2. I made it so that the dashboard page fetches from the database to see if the questions have been filled out or not. If any of them are read as ‘null’, then the dashboard prompts the user to click on the ‘edit profile’ button on the dashboard.
3. I made it so that the swipe page displays the currently signed in user’s question answers as well as the other user’s questions side by side. While Jillian primarily did the rest of the CSS, I started it off with a basic looking layout that was then improved on with later iterations.
4. I made the CSS for the user’s bio on the swipe page. It accommodates the 255 character limit that we implemented and will be able to expand as necessary depending on length.
5. At one point, swiping was broken because a ‘bio’ parameter was added to the database. I simply added this parameter into server.js and it began working again.
6. Matthew and I worked together to make it so that once the user has swiped another user, they will not show back up again on the swipe page after refreshing or logging out and back in again. We had to create a new SQL command that would essentially filter out anyone who has already been swiped as well as write a new command to accommodate for this.

iv) Matthew Bucataru

1. Created the sample-data.js script, which populates the database with sample data. It allows for a huge amount of entries to be created (multiple thousand, though currently we have it set to 20 for ease of testing). Not only does it populate the LOGIN tables (which holds the users), it also creates a set amount of Swipes and matches for each user. This allowed us to be able to have a strong set of sample data to create and test any new functionality, without having to waste time creating accounts manually. I.e: If we ever changed the database schema (which did happen multiple times over the course of this increment), we simply could adjust the script, re-run it, and we have repopulated sample data.
2. Implemented messaging between two users that have already matched (created the chatpage.jsx page, styling, routes in the Express app, etc).
3. Worked with Brandon Specht to ensure that the website did not present users with other users who they have already swiped on. I.e: If I swipe right on Brandon Specht and refresh the page, the website should not show him again. I have already made my decision about him. We did this by creating an Express route that queried our SWIPES table and only returned users who we have not swiped on.

v) Elizabeth Sauer

1. made swipes table for database in setupdb.js
2. implemented the swipe page backend and connected it to the correct front end page by prototyping /users, /swipePage, and /matches.
3. made function for queries with parameters in database-api.js
4. created the matches table in setupdb.js
5. worked with Brandon Cook to display Matches on the match page.
6. tried to make session cookies using the uuid module from node.
   1. *the* ***video or presentation***
      1. ***Matthew Bucataru (recorded the demo video)***
7. **Plans for the next increment**

Last Increment!

1. **Stakeholder Communication**

Good afternoon.

I am reaching out to report on our completion of RoomateRoundup.

In our previous correspondence, I stated that we had three goals for this increment: Implement the logic of the backend of the app, stylize the frontend, and connect to two to complete the app. All of those goals were completed.

The website is fully functional and fully stylized; we even were able to achieve our reach goal of including messaging in the application. You can access the website at {a URL here hidden from SEO to show the people contracting us the actual app}. There are already sample users on the app, so you can play around and see the functionality. I will be sending you a demo video of the app to show to your shareholders later today.

It has been a pleasure for our team to work on this project and we are all incredibly satisfied with the result. My team and I have a banner hanging in our office that says "Never leave a stone unturned." We have followed that to a T with RoomateRoundup.

Thank you.

1. **Link to video**

*Paste here the link to your video.*

[*https://youtu.be/q1yrJaugS2w?si=1Us83Dt\_9f-HNJUU*](https://youtu.be/q1yrJaugS2w?si=1Us83Dt_9f-HNJUU)

*The recording was missing a small part of the bottom / right of my screen. The only thing missing from the video is that the swipe page has 2 buttons at the bottom for left / right swipe, everything else showed. Sorry about that.*