**Progress Report**

**- Increment 2 -**

**Group #13**

# Team Members

Jillian Bice - JCB22B - JBice1

Brandon Cook - BTC22B - btcook2004

Brandon Specht - BMS22H - retrospecht

Matthew Bucataru - MCB22E - mbucataru

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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 evaluated what the user would want visually and created the ux and ui using jsx and css
  + on index
  + on signUp
  + on swipe page
  + some on Dashboard
* We changed the favicon and logo
* We factored bits of html and put them into their components and linked them together
* We did the routing utilizing React Router
* We made the CSS file to design the elements of the website
* We created the navbar that is utilized on multiple pages
* We successfully tested creating an account and it worked

Backend:

* We set up the database schema
* We wrote the beginning of the path that the frontend will talk to
* We successfully tested using the path to create a new user in the database
* We wrote a file that we can run with node that allows us to send sql commands to the database using the terminal for test
* We created tables in the database

*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**

We had a bunch of small issues to do with our file naming schemes. We solved this by better understanding what each file was doing and how. Knowledge gaps were the cause of our issues, and half of debugging for us was figuring out syntax and semantics of the new-to-us languages. We had chosen a logo and changed it to the one it is now, it will probably change again.

*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*

1. **Team Member Contribution for this increment**
   1. the **progress report**
      1. Jillian (3, 4, 5)
         1. Co-writer for section 3
         2. Co-writer for section 4
         3. Co-writer for section 5
      2. Brandon C (3,4,5)
         1. Co-writer for section 3
         2. Co-writer for section 4
         3. Co-writer for section 5
      3. Matthew (6, 7, 8)
         1. Made the video for section 8
         2. Revised section 6
         3. Wrote section 7
      4. Brandon S (6)
2. Co-writer for Section 6

v) Elizabeth Sauer (6)

1. contributed to Section 6
   1. the **requirements and design document**, including the sections they wrote or contributed to
      1. Jillian ()
      2. Brandon Cook()
         1. Updated the document to the 2.0 version. Only minor corrections were made

ii) Elizabeth (Libby) Sauer (4, 5)

(1) Made use case diagram/redrew it

(2) Made sequence diagram/redrew it

iii) Brandon Specht (7)

1. Revised Section 7
   1. the **implementation and testing document**, including the sections they wrote or contributed to
      1. Brandon Specht (1,2,3,4)
2. Wrote Section 1
3. Wrote Section 2
4. Co-writer for Section 3

(4) Wrote Section 4

* + 1. Jillian Bice(3,5)
       1. Helped with section 3
       2. Wrote section 5

iii) Elizabeth Sauer (2)

1. contributed to section 2
   1. the **source code** (be detailed about **which** parts of the system each team member contributed to and **how**)
      1. Jillian
         1. I helped create the initial skeleton pages
         2. I worked with Brandon C to design the UX and UI elements of the front end.
            1. SignUp
            2. Dashboard
            3. HomePage
            4. SwipePage
         3. I created and added the favicon(logo)
      2. Matthew
         1. Setup libraries, folder structure, etc
         2. Database Code (in server/database)
         3. Setup AWS RDS and connected it to the database code
         4. Designed database schema
         5. Express routes for signing up
      3. Brandon Cook
         1. I helped create the initial version of the skeleton pages
         2. I reorganized the flow of the pages to align with our documentation. I changed the links around so when you first get to the site, you are at the home page with a way to log in and sign up. After logging in/signing up, the user is redirected to their dashboard, where they can get to all of the other relevant pages
         3. I created the initial version of the Navigation Bar that allows users to navigate after logging in.
         4. I pair-programmed with Jillian to design the UX and UI elements of the front end.
      4. Brandon Specht
2. Created the routing for all of the web pages in the application by utilizing React Router and editing each page’s source code
3. Wrote the initial CSS for the sign-in page
   * 1. Libby
4. Contributed to database and its schema
5. Made a couple testing buttons
6. Attempted swiping algorithm
   1. the **video or presentation**
      1. Matthew
7. **Plans for the next increment**

For the next increment, we would like to fully implement our matching system and finish the basic design of our website’s front end as well as create the full questionnaire for our users. We would also like to implement a messaging system for those who match with each other. Additionally, another one of our goals is to finalize the design with full connection between the frontend and backend.

1. **Stakeholder Communication**

Good morning,

We are reaching out to report on our progress on RoommateRoundup.

Our goal by this correspondence was to lay out a technological groundwork for our website and begin implementing the basic features of our application. I ended up changing our team's plans shortly into the increment, however. Instead of having a skeleton page that had basic functionality, we decided to put much more work into stylizing the site, as well as implementing some of the basic functionality

My team and I built out the styling for the website, set up the backend database, implemented user-signs, designed the new-user questionnaire, and began work on the swiping algorithm. Effectively, the trade-off was that we now have a pretty MVP of the website instead of a basic swiping algorithm. This was a trade I was happy to make; the initial plan was for our front-end to fall behind, which would have ended up being a bottleneck. Now, we are evenly progressing on all sides of the site.

Looking ahead, our goal for the next month is to first, finish the design of the frontend and implement the site logic in the backend of the website (messaging, swiping, etc). Then, we will work on connecting the frontend with the backend. Essentially, the only steps left are to implement the backend logic, stylize the site further, connect the two, and we will be ready to ship. Everything is up to speed, there should be no needed budgetary or timeline changes.

As always, please continue to keep me updated on any changing requirements, questions, comments, or concerns.

Thank you.

1. **Link to video**

*https://youtu.be/Zuy7maLL59E*