

Progress Report

- Increment 1 -

Group # 23

1) Team Members

Cooper Hauck - ceh16b - cooperhauck

Connor Hausmann - crh15- connorshaus

Sarah Jiwani - sj16d - jiwanicodez

Joshua John - jj16d - jj16d

2) Project Title and Description

Title: Mood Booster

Description: This application starts up with a mood test that quizzes the user to determine their mood/mental state. The results are analyzed and the app follows up with options for the user to access. Options/features will be quotes (Words of Wisdom), suggestions (Food for Thought), or words of encouragement (The Supportive Buddy). There might also be a complex social feature built in for users of the application to communicate with other users who need to talk/vent - names are anonymous

3) Accomplishments and overall project status during this increment

During this increment, our group was able to create the basic overview for our app. The user has the ability to register for the app upon initial launch, and their identity is remembered upon subsequent launches. The main menu displays all of the activities we are going to allow the user to access and they all are functioning at this time. The “my profile” page currently displays some of the user’s credentials and allows the user to log out if they wish. The “questionnaire” will provide a daily survey to see how the user is feeling and the “my health” tab will keep track of those statistics over given time. The “motivation” tab displays images that are motivating and will help boost the user’s outlook on life. The “chat” feature allows the user to anonymously chat with other users in a messaging-board style. The “about-us” tab displays information on our motive behind creating the app and displays who the application producers are.

4) Challenges, changes in the plan and scope of the project and things that went wrong during this increment

Understanding how GitHub worked and conversing so nobody overwrote other work was also a challenge.

We need to have a better understanding on what type of questions we should ask so that we can give a more proper health evaluation.

Connecting to a real-time database for storing user messages as well as authenticating the user's login

credentials was difficult.

Adding in resources for the user to access outside of the app if they feel they need to access external resources.

Linking the database to the score given after the quiz is taken so that we can store the numerical value in a grid still also has to be done.

We would also like to add the ability for an administrator to access the reports of the application users

Give limited access to non-registered members.

5) Team Member Contribution for this increment

Please list each individual member and their contributions to each of the deliverables in this increment (be as detailed as possible). In other words, describe the contribution of each team member to:

a) progress report

- *Connor Hausmann, Sarah Jiwani, Joshua John, Cooper Hauck*

b) requirements and design document

- *Cooper Hauck, Josh John, Connor Hausmann, Sarah Jiwani*

c) implementation & testing document

- *Sarah Jiwani, Cooper Hauck*

d) source code (be detailed about **which parts of the system each team member contributed to and **how**)**

- *Main Menu - Connor, full code*
- *My Profile - Connor, partial implementation*
- *Login page - Connor, full code*
- *Chat Feature - Cooper, full code*
- *Questionnaire Feature - Sarah, full code*
- *Analytics Feature - Josh, full code*
- *Motivational Feature (so far) - Connor, images added*
- *About Us page - Josh, full code*

e) video

- *Sarah, Cooper, Connor, Josh*

6) Plans for the next increment

Before the next increment is over, we wish to have the databases linked properly and to have all of our initial code running smoothly without any errors or warnings. From there we will see what other activities we can include to make the app more versatile.

7) Link to video

<https://youtu.be/N3gwK1e1mX8>