

Deliverable 3 CENG 322 RNC

Team Name: Ace Apps

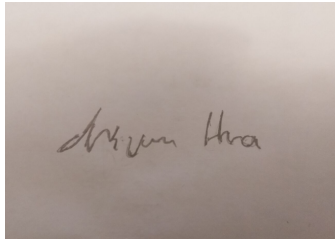
Project Name: Feel Good

Student name and IDs:

Eghe lyobosa	n0110717
Gireesh Sharma-Singh	n01193783
Zhiyuan Hua	n01406966
Supriya	n01394695

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Student Names and IDs

Name	Id	Signature	Effort
Gireesh Sharma-Singh	N01193783		100
Zhiyuan Hua	n01406966		75
Eghe Iyobosa	N01107171	<i>Eghe Iyobosa</i>	75
Supriya	N01394695	<i>Supriya</i>	75

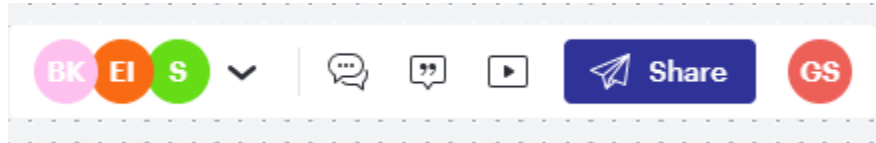
Project Description :

Feel Good is an Android application that allows users to write journals. These journals are curated to ask the user questions while they complete their journals. Questions such as”
How are you feeling?
What emotions are you experiencing?
Tell us about your day?
Are there any ways to interpret the negative salutations you are experiencing?
The goal for this app is to help users vent and process their emotions.

GitHub Link:

<https://github.com/GireeshSharmaSingh3783/FeelGood>

Sprint Retrospective:



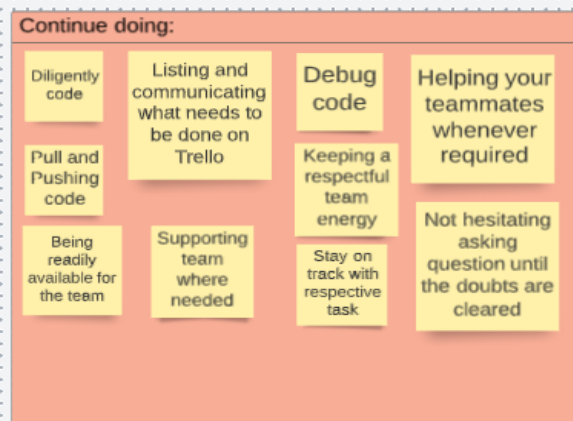
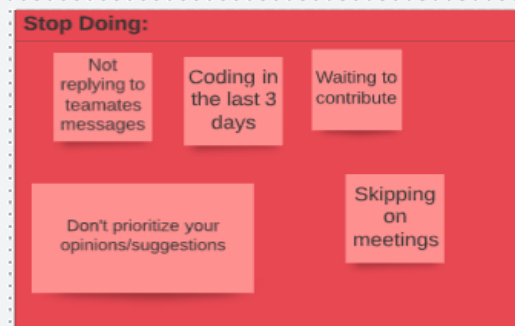
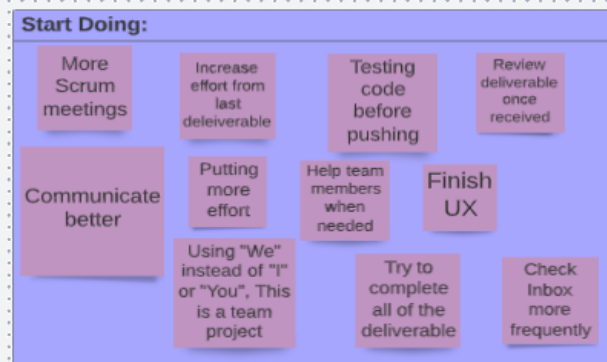
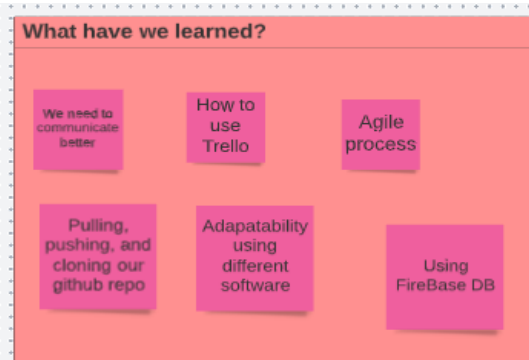
Lucid.app was used

BK - Brett Kean

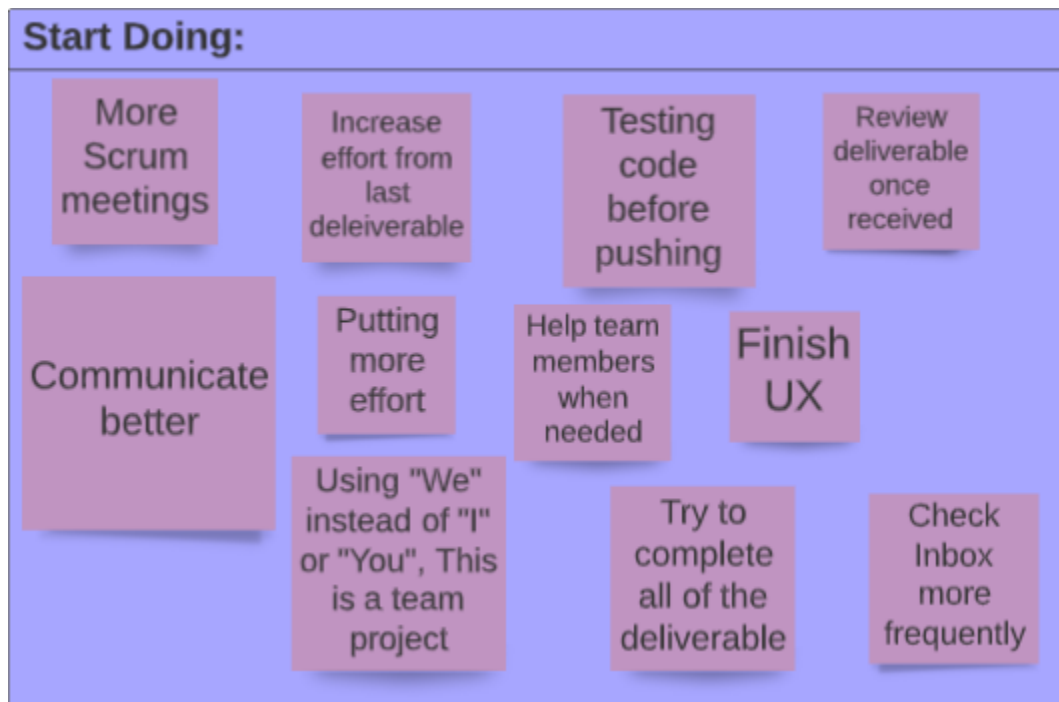
EI - Eghe Iyobosa

S - Supriya

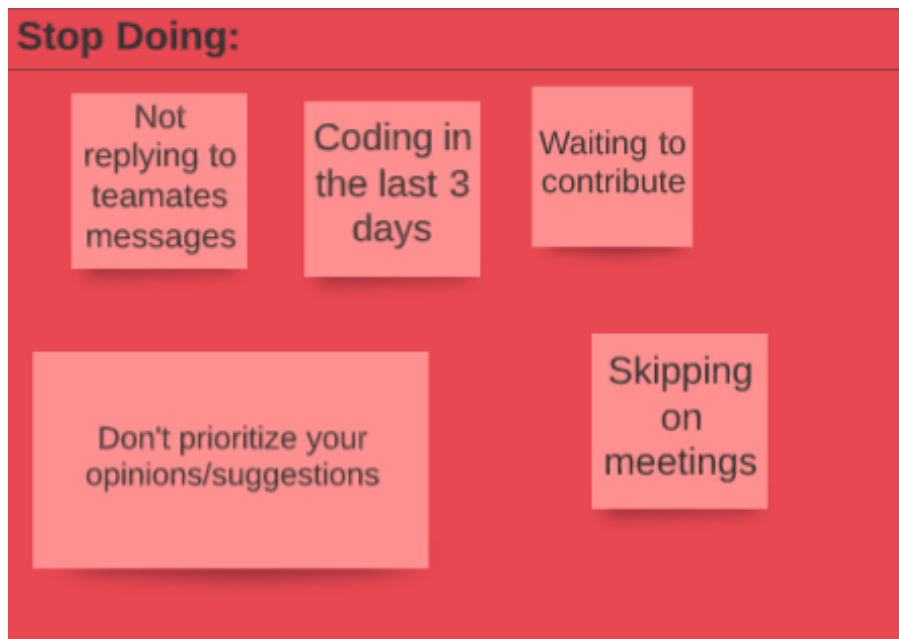
GS - Gireesh Sharma-Singh



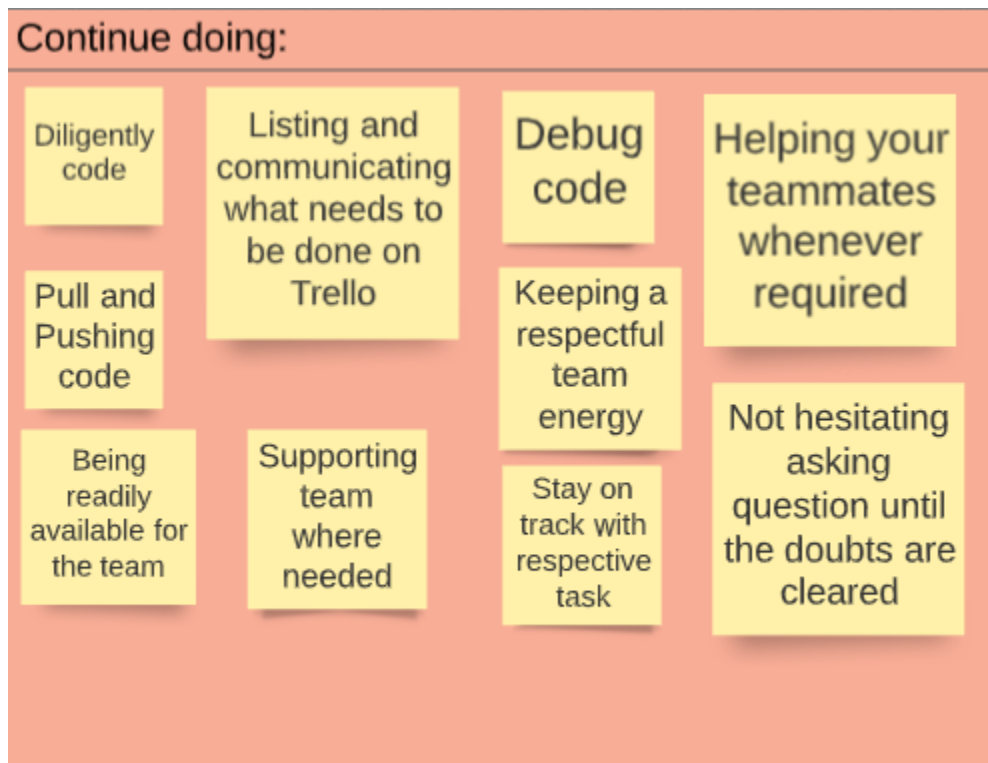
Start Doing:



Stop Doing:



Continue Doing:



2 Design Principles:

Keep it Simple and Stupid Principle: Simple design to minimizing coding and make it easu for user to use. Used in RecordJournal class and MentalDistortions class

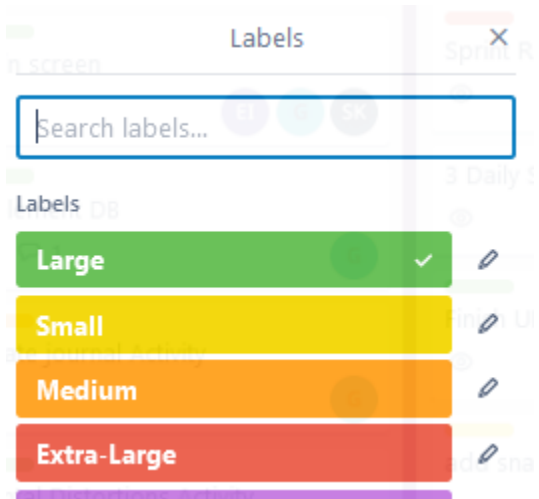
Single Responsibility Principle: Each class does its own unique job. For example User class is used to create and retrieve user information.

Design Patterns:

Creational Patterns - Builder: using User class in SignUpActivity class

Trello:

UPDATE: Added colours to show size of task:



Stories and Backlog:

Story board

User Login

8/8

G

User needs to navigated throughout app

5/5

G

User wants to Create Journal

5/5

G

User want to read Past Journal

1/5

User needs extra resources to help deal with negative emotions

5/5

EI

G

User wants to connect google account

0/5

User to Wants to give feedback

0/5

EI

SK

+ Add a card

Sprint Backlog- Complete Deleiverable 3

Current Sprint Goals

Add 3 more stories to story board 5 task each

UpdateDashboard

EI

G

SK

ZH

Gantt chart

EI

G

SK

ZH

2 different design principles

G

2 different design pattern

G

Please save the PDF document, i.e. TeamName_ProjectName_Deliverable3_.pdf

10 Java classes in total

EI

G

SK

ZH

Finish deliverable 2

English to French translations


EI


SK

ZH



+ Add a card


Story 1:

 **User Login**

in list [Story board](#) 


Members

 **Description**

Edit


Login will take place after splash screen


 **Task**


Hide checked items


Delete


100%


 a screen before user enters main page, asking for username and password authentication


 editText to get user username


 editText to get user password

 sends user user name and password to db server for authentication


 If username and pass do not match send user a try again prompt

 If username and pass match then allow user to enter app and land on main page of app


 User does not have a username or password, send user to registration page

 after use login screen goes to main activity


Add an item


 **Activity**


Show details


 Write a comment...


Add to card


 Members


 Labels

 Checklist


 Dates

 Attachment


 Cover


 Custom Fields

Add dropdowns, text fields, dates, and more to your cards.


 Start free trial

Power-Ups

 GitHub


 Story Points


+ Add Power-Ups


Automation 



+ Add button

Actions



 Move

 Copy



 Make template


 Watch 

Story 2:

 **User needs to navigated throughout app**
in list [Story board](#) 

Members

 **Description** Edit

How will the user navigate the app

☒ **task**

Hide checked items Delete

100%

☒ ~~Navigation drawer with options for user to select~~

☒ ~~Option 1: Create a journal~~



☒ ~~Option 2: Read past Journal~~



☒ ~~Alert Dialog that ask user if they want to exit app~~


☒ ~~Back button that allows user to go back to previous screen~~

Add an item

Story 3:

 **User wants to Create Journal**
in list [Story board](#) 

Members
 

 **Description** Edit

Using navigation menu gives user an option to create journal

☒ **Task** Hide checked items Delete

100%

- ☒ When selected user will be taken to a new fragment which will ask the user how they are feeling
- ☒ "How is your day" prompt for user to start writing journal
- ☒ Edit text will allow user to type their journal
- ☒ Button to go to mental distortion activity
- ☒ Finish button that allows user to send journal to be saved to DB

Story 4:

User needs extra resources to help deal with negative emotions

in list [Story board](#)

Members

EI

G

+

Description

Edit

task

Hide checked items

Delete

100%

✓

Menu in overflow will allow the user to access extra help without the need to change screens

✓

suicidal help line 833-456-4566 (Canada Suicide Prevention Service)

✓

website with a directory of therapists [Find the Best Therapists and Psychologists in Toronto, ON - Psychology Today](#)

✓

kids helpline / god to talk

✓

location for nearest hospital

You have unsaved edits on this field. [View edits](#) - [Discard](#)

Add an item

Add to card

Members

Labels

Checklist

Dates

Attachment

Cover

Custom Fields

Add dropdowns, text fields, dates, and more to your cards.

Start free trial

Power-Ups

GitHub

Story Points

Add Power-Ups

Automation

12

Testing and Finished:

The image shows a Kanban board with two columns. The left column is titled 'Testing' and the right column is titled 'Done Sprint 3 Oct 24- Nov 14th'. Each column contains several cards representing tasks. Each card has a progress bar at the top, a title, a description, and assignee avatars at the bottom.

Testing Column:

- Card 1:** Title: 'This Card needs to be expedite'. Description: 'This Card needs to be expedite'. Assignees: EI, G, SK.
- Card 2:** Title: 'login screen'. Description: 'login screen'. Assignees: EI, G, SK.
- Card 3:** Title: 'implement DB'. Description: 'implement DB'. Assignees: G.
- Card 4:** Title: 'Create journal Activity'. Description: 'Create journal Activity'. Assignees: G.
- Card 5:** Title: 'Mental Distortions Activity'. Description: 'Mental Distortions Activity'. Assignees: G.
- Card 6:** Title: 'Thinking positivity Activity'. Description: 'Thinking positivity Activity'. Assignees: G.
- Card 7:** Title: 'number 17 on pdf review page'. Description: 'number 17 on pdf review page'. Assignees: EI, SK.
- Card 8:** Title: 'Number 12 on pdf Shared Pref'. Description: 'Number 12 on pdf Shared Pref'. Assignees: SK.

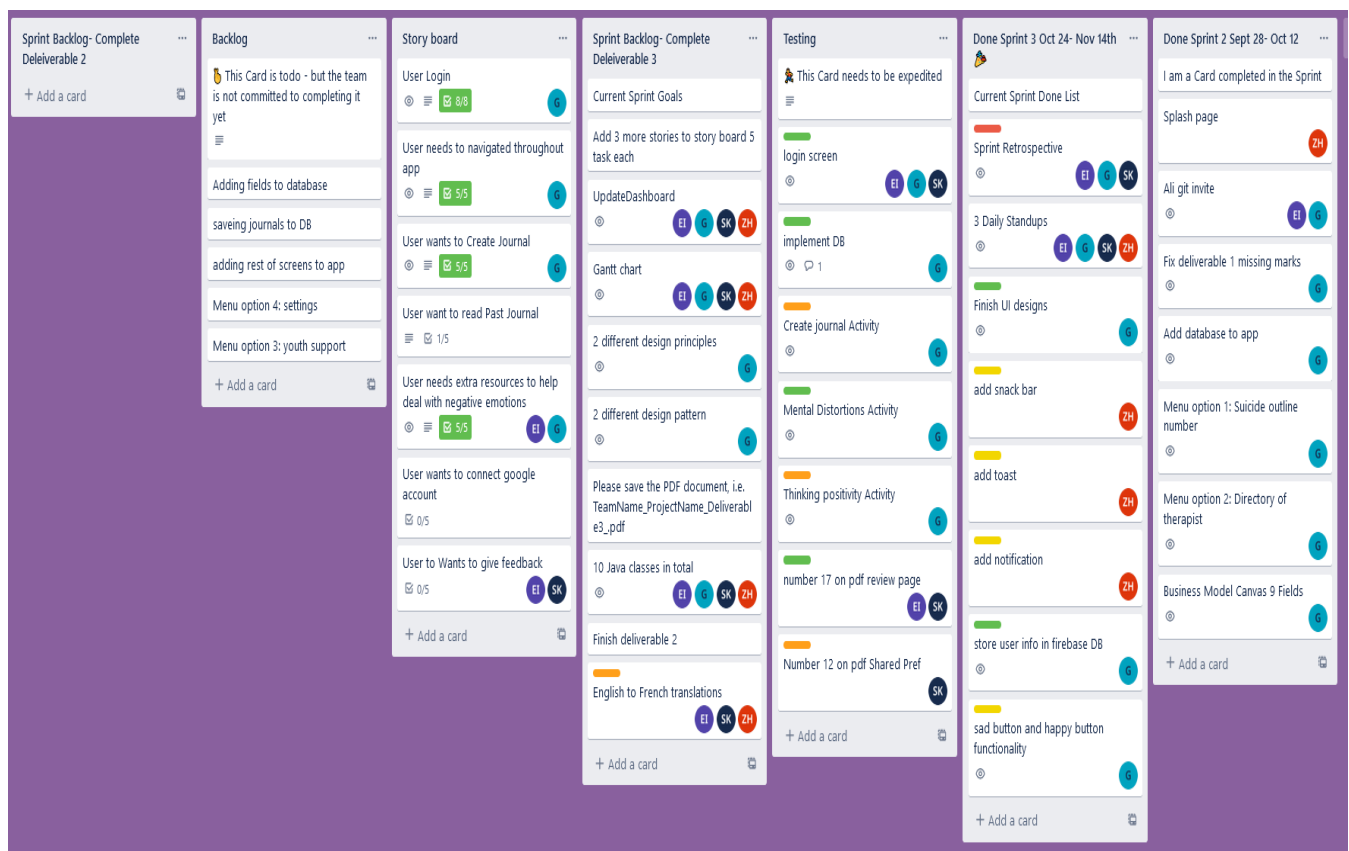
Done Sprint 3 Oct 24- Nov 14th Column:

- Card 1:** Title: 'Sprint Retrospective'. Description: 'Sprint Retrospective'. Assignees: EI, G, SK.
- Card 2:** Title: '3 Daily Standups'. Description: '3 Daily Standups'. Assignees: EI, G, SK, ZH.
- Card 3:** Title: 'Finish UI designs'. Description: 'Finish UI designs'. Assignees: G.
- Card 4:** Title: 'add snack bar'. Description: 'add snack bar'. Assignees: ZH.
- Card 5:** Title: 'add toast'. Description: 'add toast'. Assignees: ZH.
- Card 6:** Title: 'add notification'. Description: 'add notification'. Assignees: ZH.
- Card 7:** Title: 'store user info in firebase DB'. Description: 'store user info in firebase DB'. Assignees: G.
- Card 8:** Title: 'sad button and happy button functionality'. Description: 'sad button and happy button functionality'. Assignees: G.

Not Completed:

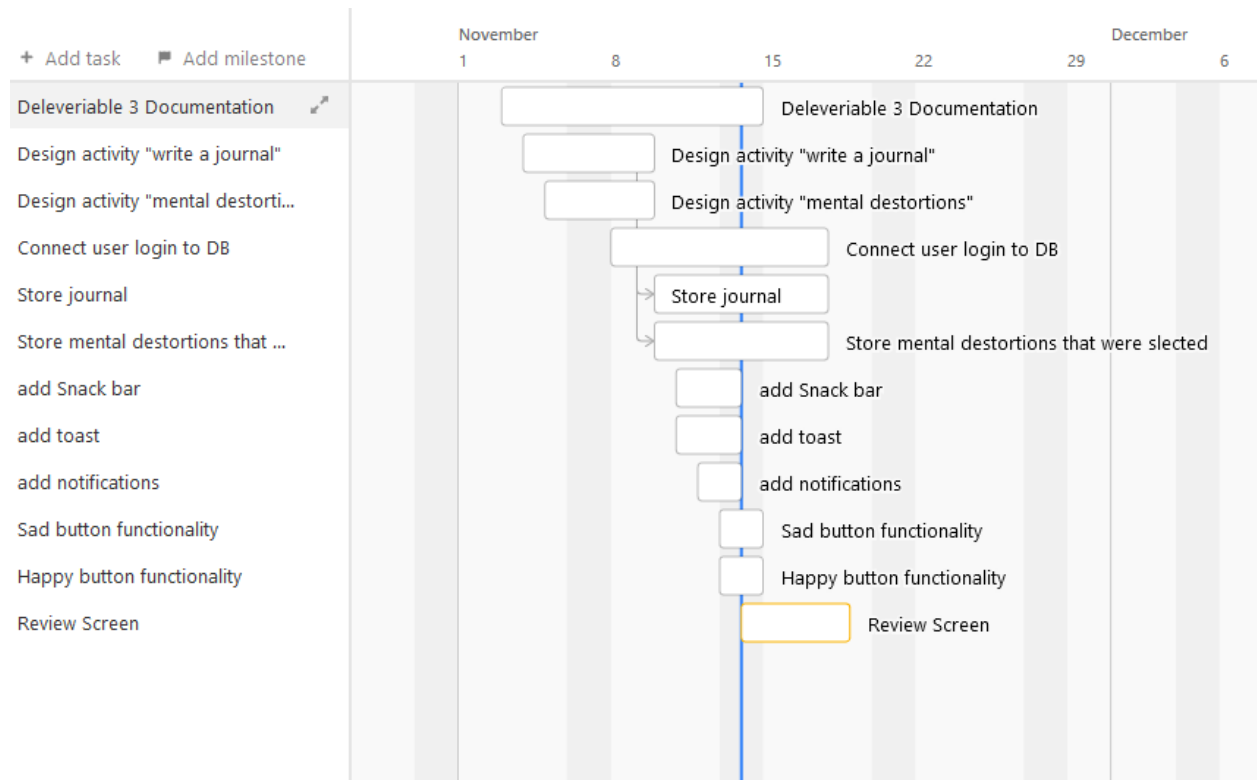
1. Runtime permissions
2. Writing specific journals to DB
3. Reading past Journals from DB

Full view of Trello Board:



Gantt Chart:

<input type="checkbox"/>	A Name	Dependencies	Collaborator	Status	Start date	December 4, 2021
1	Design activity "write a jour...		Gireesh	Done	November 4, 2021 7:49am	November 9, 2021 7:49am
2	Store journal	Design activity "write a jour...	Gireesh	Todo	November 10, 20... 7:50am	November 17, 20... 7:50am
3	Design activity "mental des...		Gireesh	In progress	November 5, 2021 7:50am	November 9, 2021 7:50am
4	Store mental distortions t...	Design activity "mental desto	Gireesh	Todo	November 10, 20... 7:50am	November 17, 20... 8:31am
5	Connect user login to DB		Gireesh	In progress	November 8, 2021 7:52am	November 17, 20... 7:52am
6	Deleveriable 3 Documentat...		Gireesh	In progress	November 3, 2021 8:31am	November 14, 20... 8:31am
7	add Snack bar		Zhiy Hua	Done	November 11, 20... 9:20pm	November 13, 20... 9:20pm
8	add toast		Zhiy Hua	Done	November 11, 20... 9:20pm	November 13, 20... 9:20pm
9	add notifications		Zhiy Hua	Done	November 12, 20... 9:20pm	November 13, 20... 9:20pm
10	Sad button functionality		Gireesh	Done	November 13, 20... 9:20pm	November 14, 20... 9:20pm
11	Happy button functionality		Gireesh	Done	November 13, 20... 9:20pm	November 14, 20... 9:20pm
12	Review Screen		Supriya	In progress	November 14, 20... 9:20pm	November 18, 20... 9:20pm
13						



Write to Database:

The image shows two parts of a development workflow. The top part is a screenshot of the Firebase Realtime Database console, displaying a JSON structure for a 'users' collection. The bottom part is a screenshot of an Android Studio IDE showing the Java code for a 'registerUser' function, which writes data to the Realtime Database. A red arrow points from the 'users' collection in the console to the 'registerUser' function in the code, indicating the data flow.

Realtime Database Console Data:

```
feelgood-f8e40-default-rtdb
├── users
│   ├── 9056784598
│   │   ├── age: "26"
│   │   ├── email: "joeDon@yahoo.ca"
│   │   ├── fullName: "John Doe"
│   │   ├── gender: "9056784598"
│   │   └── password: "asdfqw321"
│   └── 9058983452
│       ├── age: "37"
│       ├── email: "coleSmith@yahoo.ca"
│       ├── fullName: "Cole Smith"
│       ├── gender: "9058983452"
│       └── password: "12344ww"
└── Database location: United States (us-central1)
```

Android Studio Code Snippet:

```
registerUser = (Button) findViewById(R.id.reguser);
registerUser.setOnClickListener(new View.OnClickListener() {
    @Override
    public void onClick(View v) {
        rootNode = FirebaseDatabase.getInstance();
        refDB = rootNode.getReference("users");

        //Getting values from text fields
        String name = editTextFullName.getText().toString();
        String age = editTextAge.getText().toString();
        String gender = editTextGender.getText().toString();
        String email = editTextEmail.getText().toString();
        String password = editTextPassword.getText().toString();

        User users = new User(name, age, gender, email, password);
        // please change gender to phone number
        refDB.child(gender).setValue(users);
    }
});
```

Android App Interface:

The app interface shows a 'FeelGood' login/signup screen. The fields are filled with the following data:

- Full Name: Cole Smith
- Age: 37
- Phone Number: 9058983452
- Email Address: coleSmith@yahoo.ca
- Password: 12344ww

A 'SIGNUP' button is visible at the bottom of the form.

Daily Standups:

November 2nd 2021

Daily Standup

November 2nd 2021

Stick! and to the point! This template lets teams collect and share updates in a simple stand-up format.

Gireesh	Brett	Eghe	Supriya	Zhiyuan
<p>What did you work on yesterday?</p> <ul style="list-style-type: none">- Update Trello- Changed image view to buttons for Gallery Fragment-Designed RecordJournal Fragment- Started Deliverable documentation:<ul style="list-style-type: none">- added sprint retrospective that we completed Saturday	<p>What did you work on yesterday?</p>	<p>What did you work on yesterday?</p> <p>Made a first commit. Took a quick look at the lab requirements needed more time to work on it.</p>	<p>What did you work on yesterday?</p>	<p>What did you work on yesterday?</p>
<p>What will you work on today?</p> <ul style="list-style-type: none">- Gantt Chart- Button functionality- Record Journal Implementation	<p>What will you work on today?</p> <p>-Debug the app connection to the database</p>	<p>What will you work on today?</p> <p>Joined the group for scrum meeting having a collaborative meeting, and getting ahead with the deliverables.</p> <p>Start deliverable 3 and have at least 2 commits ahead of the 10 required commits.</p> <p>Personal: -Doing a continental shift at work. Will begin working on the as soon as I can.</p>	<p>What will you work on today?</p>	<p>What will you work on today?</p> <p>-Check any debug in app -update features</p>
<p>Any blockers?</p> <p>Technical: - Need to review how to open a fragment from another fragment</p> <p>Personal: - Still taking part in religious rituals for my grandmothers passing</p>	<p>Any blockers?</p>	<p>Any blockers?</p> <p>Exam week/Trying to do some last minute study.</p> <p>Needing to review and research materials to for the app design.</p> <p>Called in for extra work at my workplace. Now that exam are over I can begin working on the lab.</p>	<p>Any blockers?</p> <p>Had Emergency</p>	<p>Any blockers?</p> <p>Need to review exam, and menu design.</p>

November 5th 2021:

Daily Standup

November 5th 2021

Short and to the point. This template lets teams collect and share updates in a simple stand-up format.

Gireesh	Brett	Eghe	Supriya	Zhiyuan
<p>What did you work on yesterday?</p> <ul style="list-style-type: none">- Update Trello- Started Gantt Chart- Updated deliverable doc.	<p>What did you work on yesterday?</p>	<p>What did you work on yesterday?</p> <p>Update Readme file for github.</p>	<p>What did you work on yesterday?</p> <p>Getting the basic idea of the project.</p>	<p>What did you work on yesterday?</p> <p>optimized menu</p>
<p>What will you work on today?</p> <ul style="list-style-type: none">- Gantt Chart	<p>What will you work on today?</p>	<p>What will you work on today?</p> <p>Working on the full functionality of the menu. Push if successful.</p>	<p>What will you work on today?</p>	<p>What will you work on today?</p> <p>snackbar toast</p>
<p>Any blockers?</p> <p>Technical:</p> <ul style="list-style-type: none">- Getting used to AirTable application to make Gantt chart. <p>Personal:</p> <ul style="list-style-type: none">- Rituals for grandmothers passing finished yesterday, Can dedicate more time to project now.	<p>Any blockers?</p>	<p>Any blockers?</p>	<p>Any blockers?</p>	<p>Any blockers?</p>

November 8th 2021:

Daily Standup

November 8th 2021

Short and to the point. This template lets teams collect and share updates in a simple stand-up format.

Gireesh	Brett	Eghe	Supriya	Zhiyuan
<p>What did you work on yesterday?</p> <ul style="list-style-type: none">- Updated Gantt Chart- Updated deliverable doc.- Started mental distortion activity	<p>What did you work on yesterday?</p>	<p>What did you work on yesterday?</p>	<p>What did you work on yesterday?</p>	<p>What did you work on yesterday?</p>
<p>What will you work on today?</p> <ul style="list-style-type: none">- Pushing username and password to Firebase	<p>What will you work on today?</p> <ul style="list-style-type: none">-Gantt Chart	<p>What will you work on today?</p> <p>Received email from Team lead. Updating Gantt Chart.</p> <ul style="list-style-type: none">-Gantt Chart	<p>What will you work on today?</p> <p>PDF #12 Shared Pref, Review Screen</p>	<p>What will you work on today?</p> <ul style="list-style-type: none">-add notification and AlertDialog-Gantt Chart
<p>Any blockers?</p>	<p>Any blockers?</p>	<p>Any blockers?</p> <p>No blockers this week.</p>	<p>Any blockers?</p>	<p>Any blockers?</p>