Software Project

TEAM NAME: Greenly Pebble
PROJECT NAME: Smart Plant

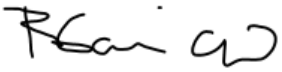
Deo Anthony Madrid (N01361264)

Patrick Gomulka (N01347564)

Erni Banaag (N01221990)

Ricci Gamiao (N01363076)

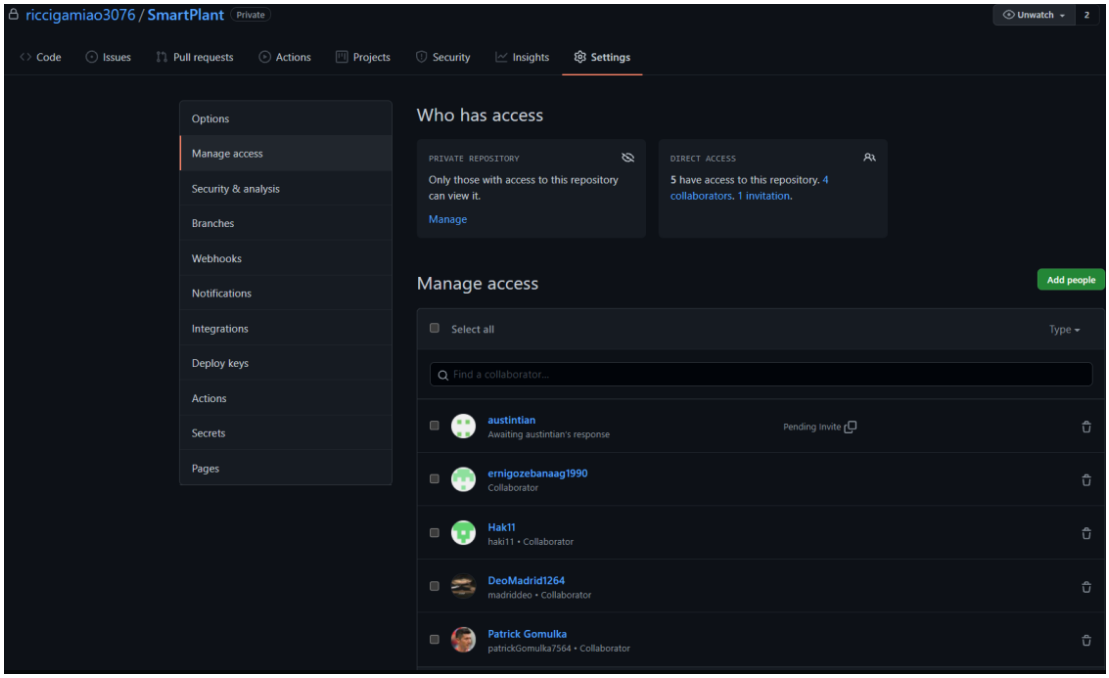
Application Login Credential:
Email: admin@smartplant.com
Password: admin21
Or
Register for a new user.

Name	ID	Signature	Effort
Deo Anthony Madrid	N01361264		90%
Patrick Gomulka	N01347564		80%
Erni Banaag	N01221990		100%
Ricci Gamiao	N01363076		100%

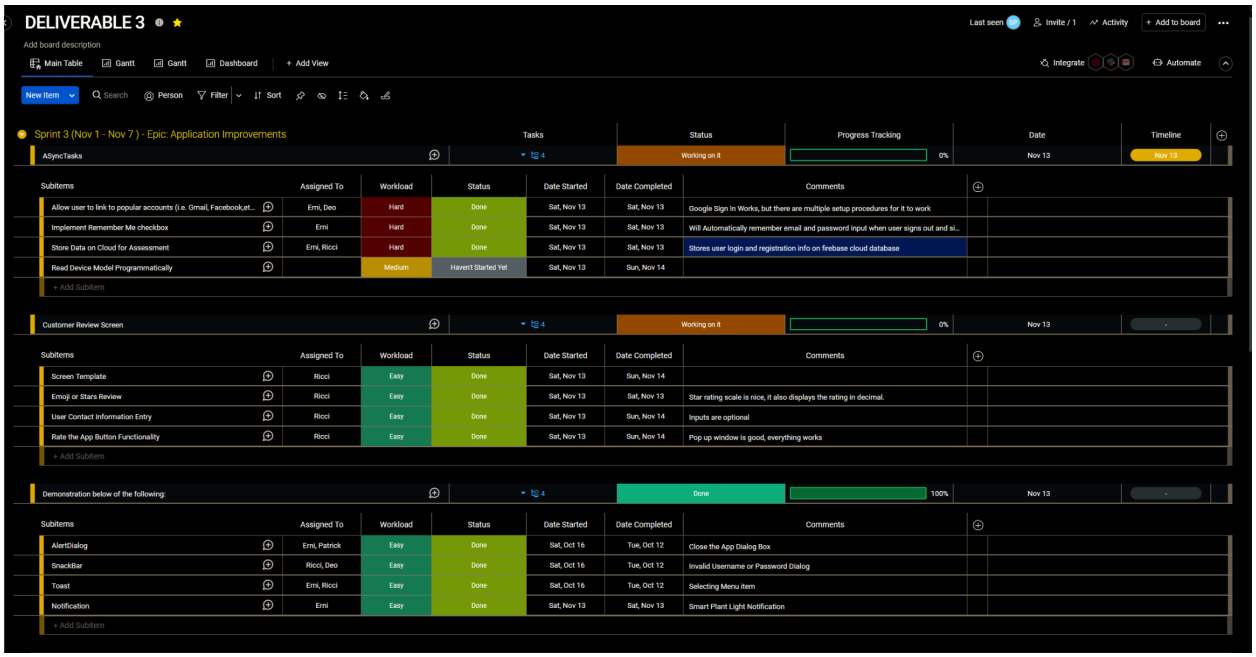
GitHub verified Link:

https://github.com/riccigamiao3076/SmartPlant.git

GitHub Invitation:

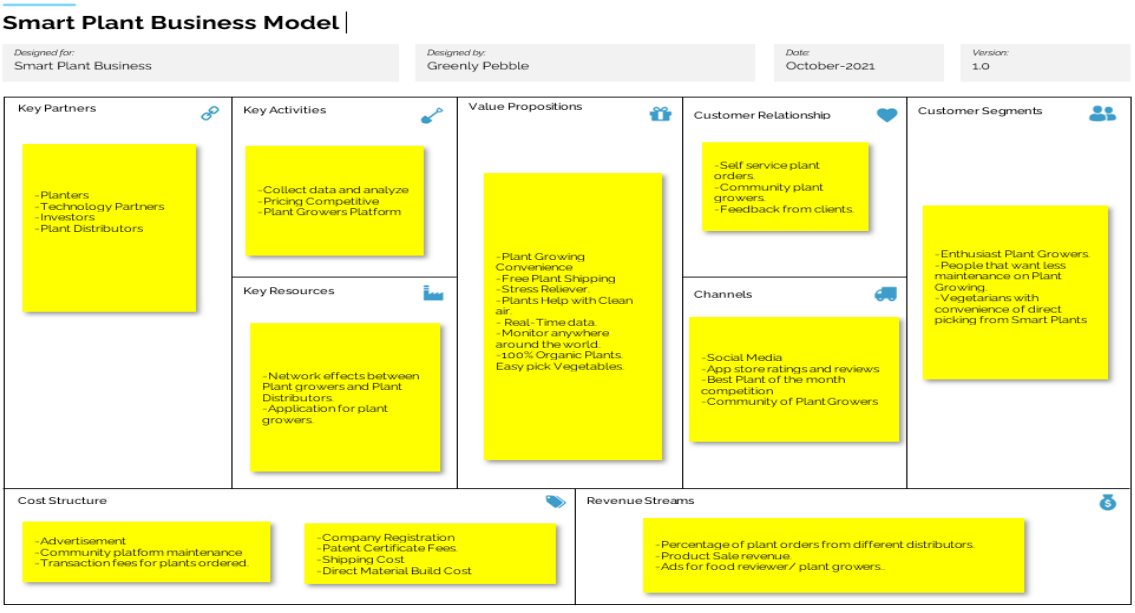


Stories and Task- Monday.com



Gantt Chart

Business Model Canvas



THEME / BUSINESS GOAL:

- Develop an app that intertwines with hardware modules to collect sensor data for logging purposes.
- App is designed to track the health of plant that is enclosed with hardware sensors.

● **Epic #1**
- Use a feedback page for new plants discovered.

● **Stories**
- Create a community discussion about plants.
- Add plant photo sharing with friends.
- Automatic email surveys to clients.

● **Epic #2**
- Create incentives for users for finding new plants.

● **Stories**
- Create a badge achievement system.
- Offer premium features to clients.
- Create a contest program.

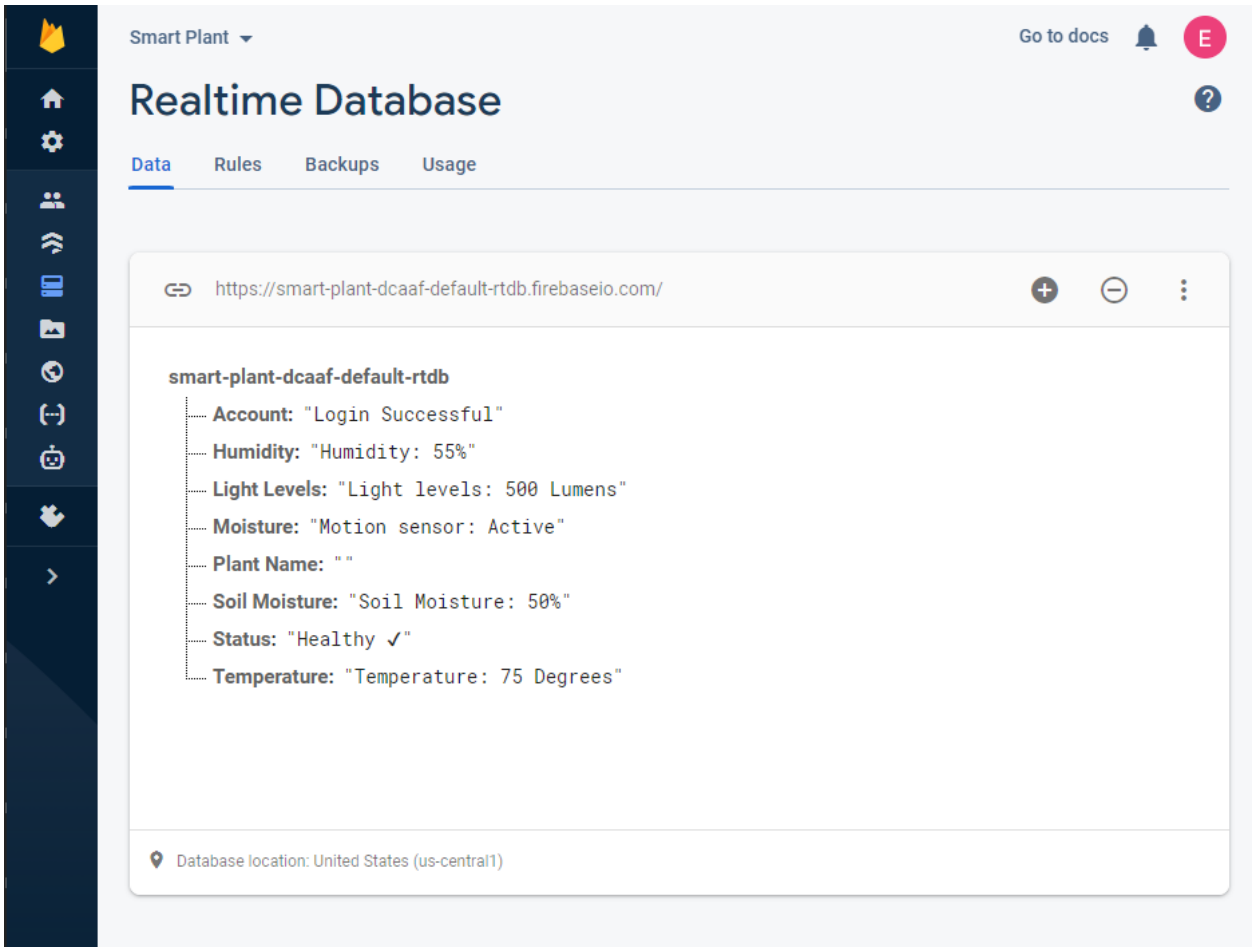
Additional features/functionality added since deliverable 1:

1. Added Login Feature.
2. Designed Home Screen, Dashboard, and Account Screen.
3. Added a simple Firebase Database.
4. Added Splash Screen.

Additional features/functionality added since deliverable 2:

1. Remember me Checkbox.
2. Google Login.
3. Notification added.
4. Rating system.
5. User Registration
6. Feedback
7. Call/Email Service

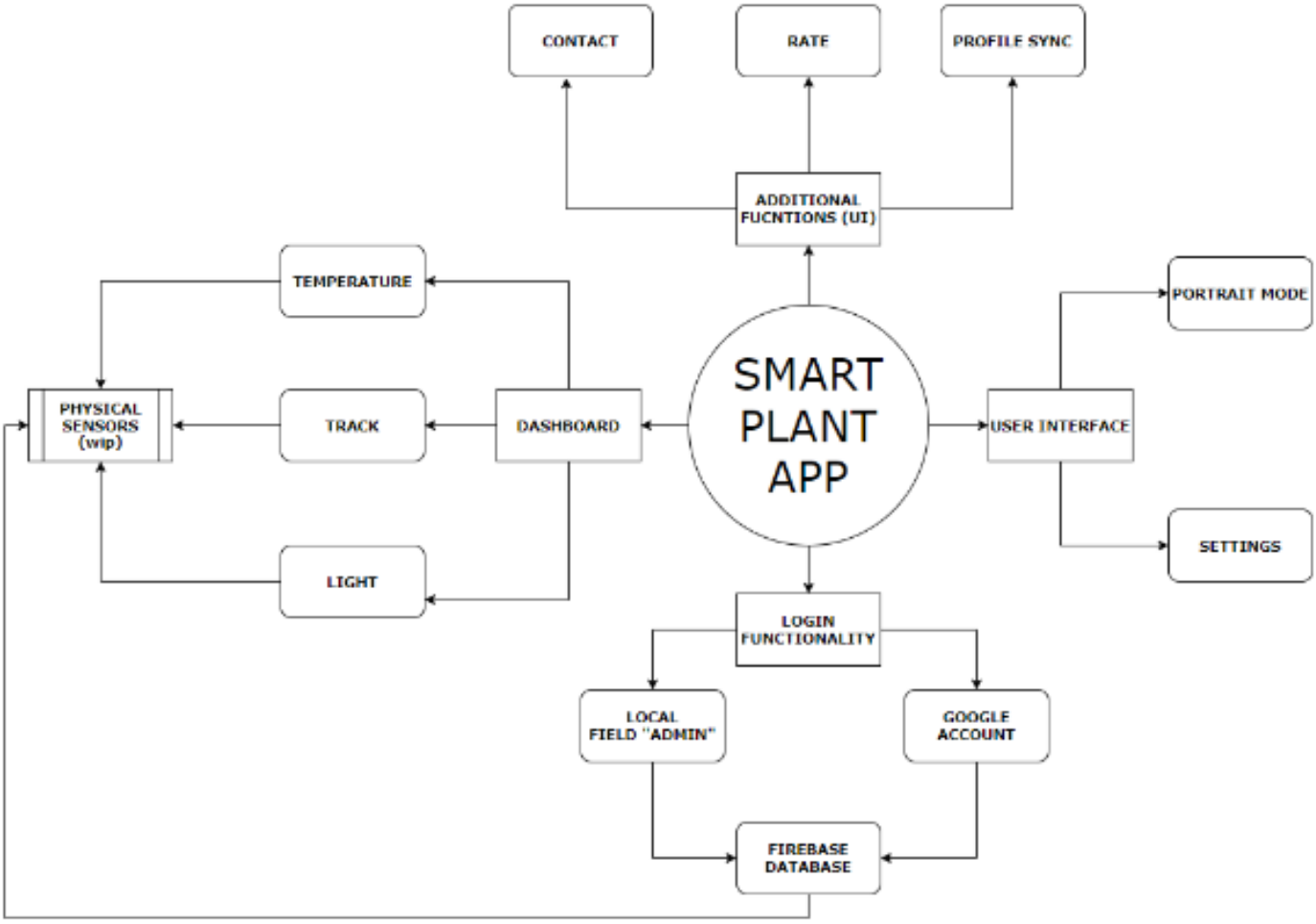
Firebase Database



Rating and Feedback in database

- User Reviews
  - "John Doe "
    - Email: "johndoe@gmail.com"
    - Feedback: "The new signing update is good! It made me acce..."
    - Name: "John Doe "
    - Phone: "6472616372"
    - Rating: "5.0"

C4 MODEL - System Context Design



Daily Standup

Sprint 3

November 7th 2021

Erni Banaag

What did you work on yesterday?

I was working on the functionalities of the app.

What will you work on today?

I will be working on the bugs found in login with google.

Any blockers?

work, other course work.

Ricci Gamiao

What did you work on yesterday?

Brainstorm on adding functions to SmartPlant app

What will you work on today?

Implement functions in SmartPlant app

Any blockers?

Work, other school works, chores, rigid schedule

Patrick Gomulka

What did you work on yesterday?

System Context Design, discussing long-term goal for app with teammates.

What will you work on today?

Additional updates to documentation, updating app functions, searching for and resolving errors in code.

Any blockers?

Overnight work shifts, working out, additional minor time constraints etc.

Deo Madrid

What did you work on yesterday?

Collaborated with group members on improvements for the application

What will you work on today?

Monday.com, SmartPlant App, InVisionApp,

Any blockers?

Time Constraints, Other School Assignments, Family

Daily Standup

Sprint 4

November 14th 2021

Erni Banaag

What did you work on yesterday?

I work on the remember me checkbox yesterday.

What will you work on today?

I will be working on the status menu update.

Any blockers?

Database required, other school work.

Ricci Gamiao

What did you work on yesterday?

Account button functions, Firebase Database, Monday.com

What will you work on today?

Implement User Review function to store data into database

Any blockers?

Other school works, chores.

Patrick Gomulka

What did you work on yesterday?

Updating documentation and making minor/major changes to code functions and layout.

What will you work on today?

Quality Assurance, reviewing teammates' commits and ensuring overall app functionality.

Any blockers?

Working on other school assignments simultaneously

Deo Madrid

What did you work on yesterday?

Setup online System documentation for our project.

What will you work on today?

Work on application improvements and assist team members

Any blockers?

Had some important family tasks to help with