

Software Project

TEAM NAME: Greenly Pebble

PROJECT NAME: Smart Plant




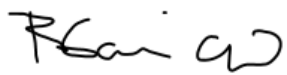
Deo Anthony Madrid (N01361264)

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:

The screenshot shows the GitHub repository settings page for 'SmartPlant' by user 'riccigamiao3076'. The page is in dark mode. The left sidebar contains a menu with options: Options, Manage access (highlighted), Security & analysis, Branches, Webhooks, Notifications, Integrations, Deploy keys, Actions, Secrets, and Pages. The main content area is titled 'Who has access' and shows two sections: 'PRIVATE REPOSITORY' and 'DIRECT ACCESS'. The 'PRIVATE REPOSITORY' section states 'Only those with access to this repository can view it.' and has a 'Manage' link. The 'DIRECT ACCESS' section states '5 have access to this repository. 4 collaborators. 1 invitation.' and has a lock icon. Below these sections is the 'Manage access' section, which includes a search bar and a list of collaborators. The list shows five collaborators: 'austintian' (Pending Invite), 'ernigozebanaag1990' (Collaborator), 'Hak11' (Collaborator), 'DeoMadrid264' (Collaborator), and 'Patrick Gomulka' (Collaborator). Each collaborator entry includes a checkbox, a profile picture, the username, a role, and a trash icon for removal.

riccigamiao3076 / SmartPlant Private Unwatch 2

Code Issues Pull requests Actions Projects Security Insights Settings

Options
Manage access
Security & analysis
Branches
Webhooks
Notifications
Integrations
Deploy keys
Actions
Secrets
Pages

Who has access

PRIVATE REPOSITORY Only those with access to this repository can view it. Manage

DIRECT ACCESS 5 have access to this repository. 4 collaborators. 1 invitation.

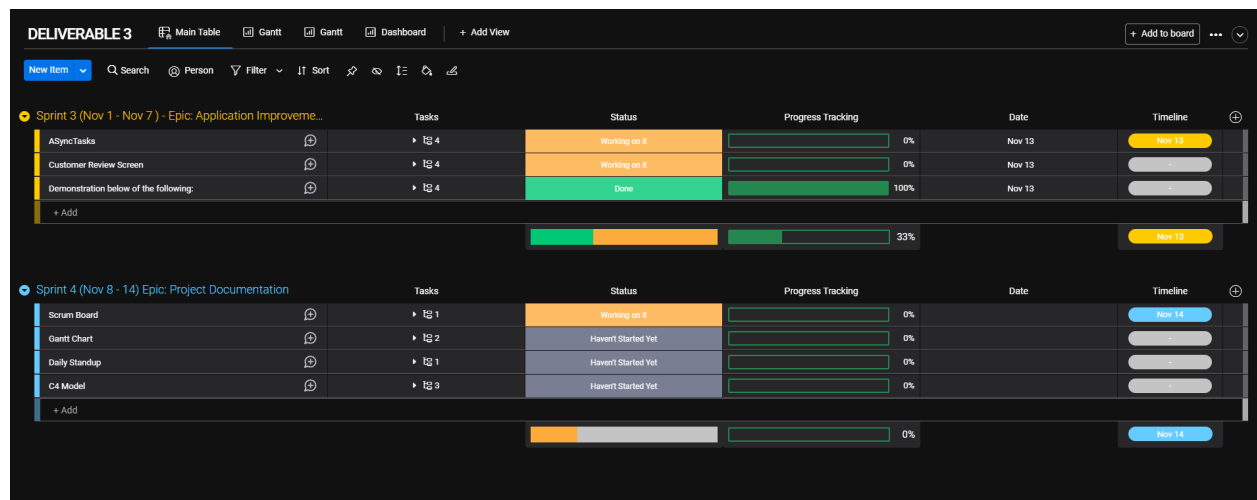
Manage access Add people

Select all Type

Find a collaborator...

<input type="checkbox"/>	austintian Awaiting austintian's response Pending Invite	
<input type="checkbox"/>	ernigozebanaag1990 Collaborator	
<input type="checkbox"/>	Hak11 hak11 • Collaborator	
<input type="checkbox"/>	DeoMadrid264 madriddeo • Collaborator	
<input type="checkbox"/>	Patrick Gomulka patrickGomulka7564 • Collaborator	

Stories and Task- Monday.com



Business Model Canvas

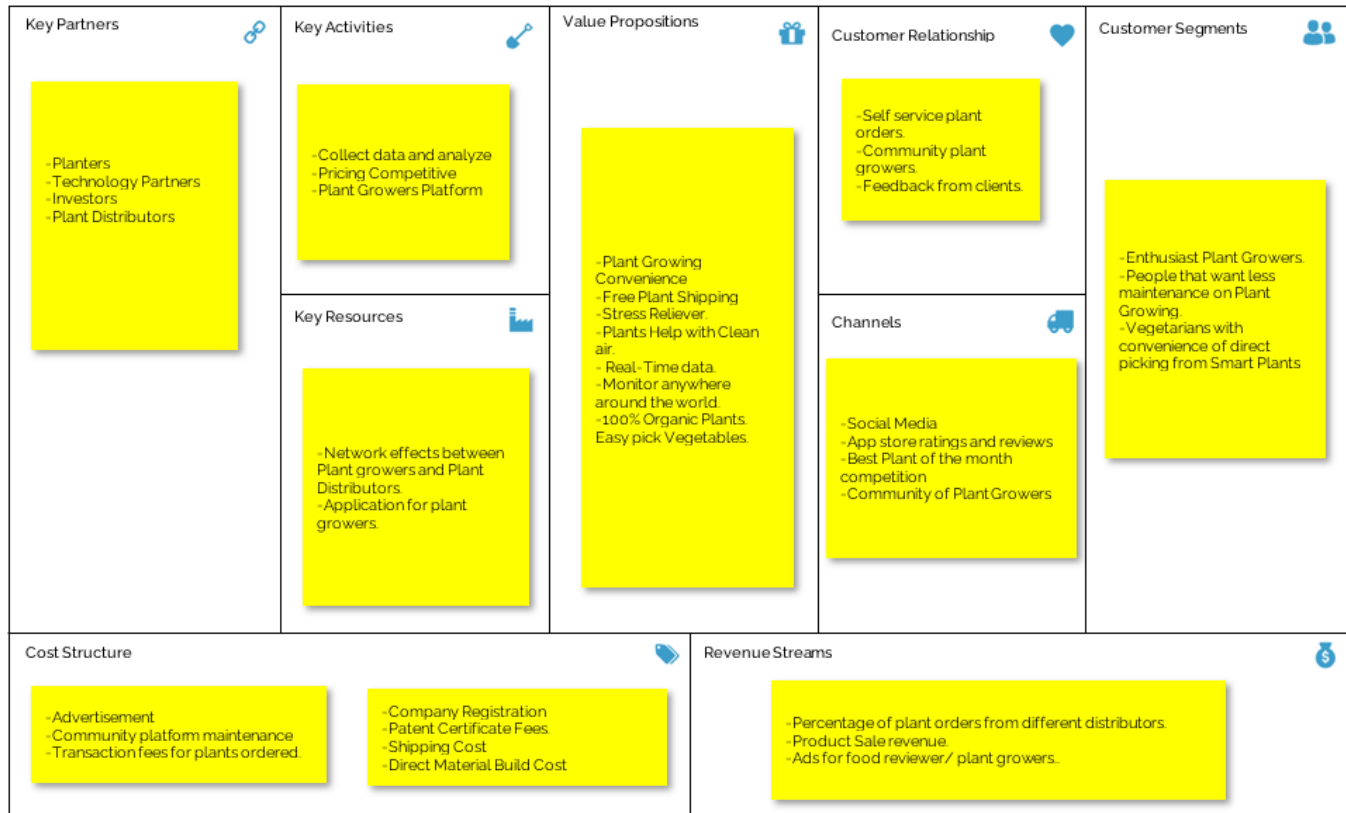
Smart Plant Business Model

Designed for:
Smart Plant Business

Designed by:
Greenly Pebble

Date:
October-2021

Version:
1.0



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.

Firestore Database

Smart Plant ▾

Go to docs

Realtime Database

Data

Rules

Backups

Usage

<https://smart-plant-dcaaf-default-rtdb.firebaseio.com/>

smart-plant-dcaaf-default-rtdb

Account: "Login Successful"

Humidity: "Humidity: 55%"

Light Levels: "Light levels: 500 Lumens"

Moisture: "Motion sensor: Active"

Plant Name: ""

Soil Moisture: "Soil Moisture: 50%"

Status: "Healthy ✓"

Temperature: "Temperature: 75 Degrees"

Database location: United States (us-central1)

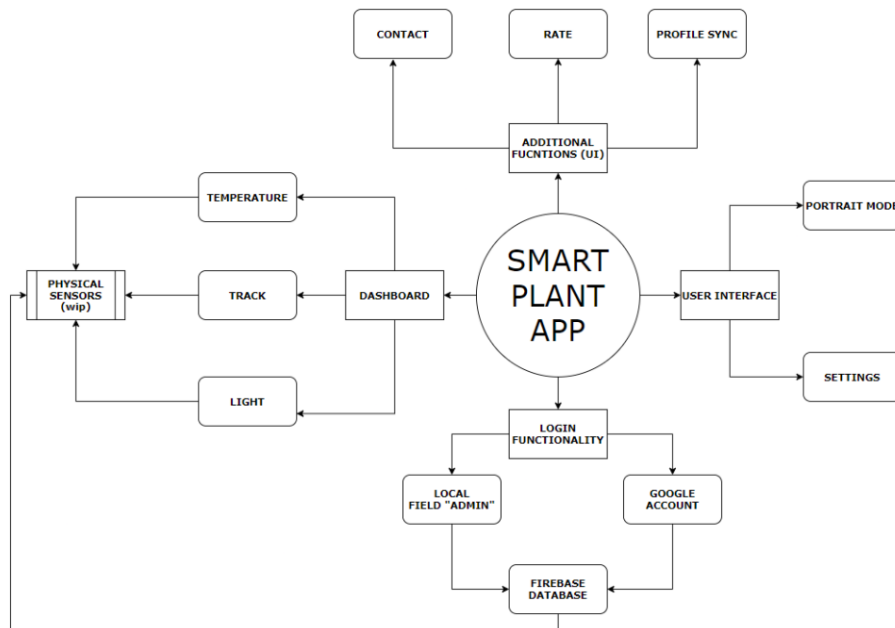
Additional features/functionality added since deliverable 1:

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

Additional features/functionality added since deliverable 2:

1. Remember me Checkbox.
2. Google Log in.
3. Notification added.
4. Rating system.
5. User Registration

C4 MODEL - System Context Design



Daily Standup

Sprint 3
November 7th 2021

Erni Banaag	Ricci Gamiao	Patrick Gomulka	Deo Madrid
<p>What did you work on yesterday? I was working on the functionalities of the app.</p> <p>What will you work on today? I will be working on the bugs found in login with google. <i>Any blockers?</i> work, other course work.</p>	<p>What did you work on yesterday? Brainstorm on adding functions to SmartPlant app</p> <p>What will you work on today? Implement functions in SmartPlant app <i>Any blockers?</i> Work, other school works, chores, rigid schedule</p>	<p>What did you work on yesterday?</p> <p>What will you work on today? System Documentation <i>Any blockers?</i></p>	<p>What did you work on yesterday? Nothing</p> <p>What will you work on today? Working on SmartPlant App, InVisionApp, <i>Any blockers?</i> Time Constraints, Other School Assignments, Family</p>

Daily Standup

Sprint 4
November 14th 2021

Erni Banaag	Ricci Gamiao	Patrick Gomulka	Deo Madrid
<p>What did you work on yesterday? I work on the remember me checkbox yesterday.</p> <p>What will you work on today? I will be working on the status menu update. <i>Any blockers?</i> Database required, other school work.</p>	<p>What did you work on yesterday? SmartPlant Function Functions, Firebase Database.</p> <p>What will you work on today? Implement function to store data into database <i>Any blockers?</i></p>	<p>What did you work on yesterday?</p> <p>What will you work on today? <i>Any blockers?</i></p>	<p>What did you work on yesterday?</p> <p>What will you work on today? <i>Any blockers?</i></p>