

Software Project

TEAM NAME: Greenly Pebble

PROJECT NAME: Smart Plant

Deo Anthony Madrid (N01361264)

Patrick Gomulka (N01347564)




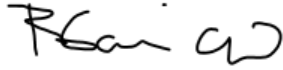
Erni Banaag (N01221990)

Ricci Gamiao (N01363076)

Application Login Credential:

Email: admin

Password: admin

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

GitHub Invitation:

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...

austintian

Awaiting austintian's response

Pending invite

ernigozebanaag1990

Collaborator

Hak11

hak11 • Collaborator

DeoMadrid1264

madriddeo • Collaborator

Patrick Gomulka

patrickGomulka7564 • Collaborator

5 Stories and 5 Task- Monday.com

DELIVERABLE 2

Add board description

Main Tab... + Add View

New Task Search Person Filter Sort Link Copy Paste Print Share

Last seen +1 Invite / 1 Activity + Add to board ...

Integrate Automate

Sprint 1 (Oct 2 - 3): Login Page











	Person	Status	Date
Splash screen generated		Done	Oct 2
Remove navigation menu from login page		Done	Oct 2
Reorganize login page		Done	Oct 2
Reformat documentation		Done	Oct 3
Navigation menu added to 2 additional fragments		Done	Oct 3
+ Add Task			

Sprint 2 (Oct 5 - 8): Fragment Organization

	Person	Status	Date
Activities reorganized		Done	Oct 6
Format hardcoded text to string values		Done	Oct 6
Add team names to gitignore, as requested by professor		Done	Oct 6
Add non-functional settings/options page		Done	Oct 7
Add support for landscape lock functionality		Done	Oct 8
Add sign out button		Done	Oct 8
+ Add Task			

Sprint 3 (Oct 9): Design Screen Pages

	Person	Status	Date
Design Home screen		Done	Oct 9
Design Dashboard Screen		Done	Oct 9
Design Account Screen		Done	Oct 9
Design Screen Splash		Done	Oct 9
Finalize Login Screen		Done	Oct 9
+ Add Task			

Sprint 4 (Oct 10-11): Advanced Functionality						Person	Status	Date		
<ul style="list-style-type: none"> Add runtime permissions Add temporary validation to login page for testing purposes Add Portrait Lock Button Add success toast add Alert Dialog for incorrect credential + Add Task 							Done	Oct 7		
							Done	Oct 10		
							Done	Oct 10		
							Done	Oct 11		
							Done	Oct 11		
Sprint 5 (Oct 12): Testing Phase						Person	Status	Date		
<ul style="list-style-type: none"> Test Portrait Mode / Landscape Mode Test Login Test Runtime Camera Test Buttons Test splash screen + Add Task 						 +3	Done	Oct 12		
						 +3	Done	Oct 12		
						 +3	Done	Oct 12		
						 +3	Done	Oct 12		
						 +3	Done	Oct 12		

Business Model Canvas

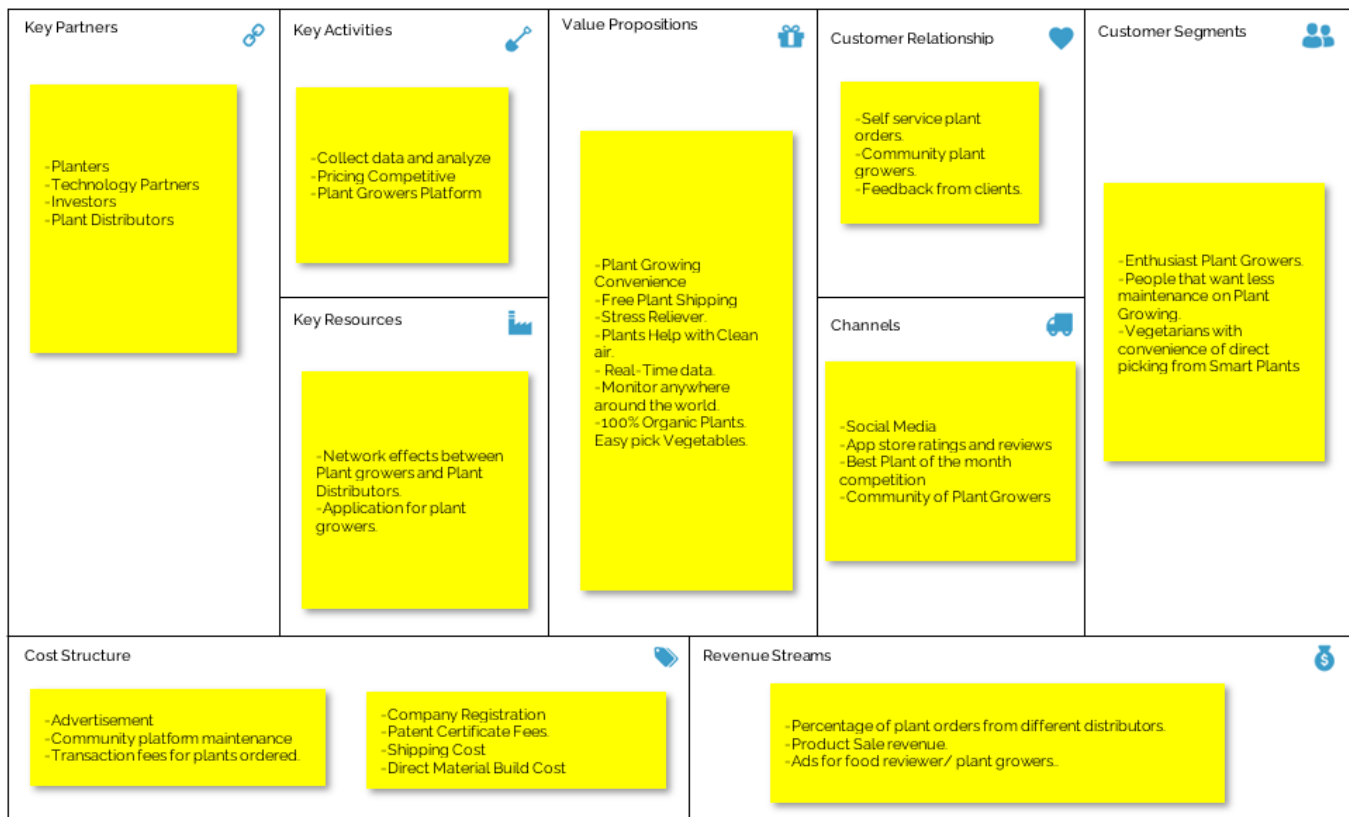
Smart Plant Business Model

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.

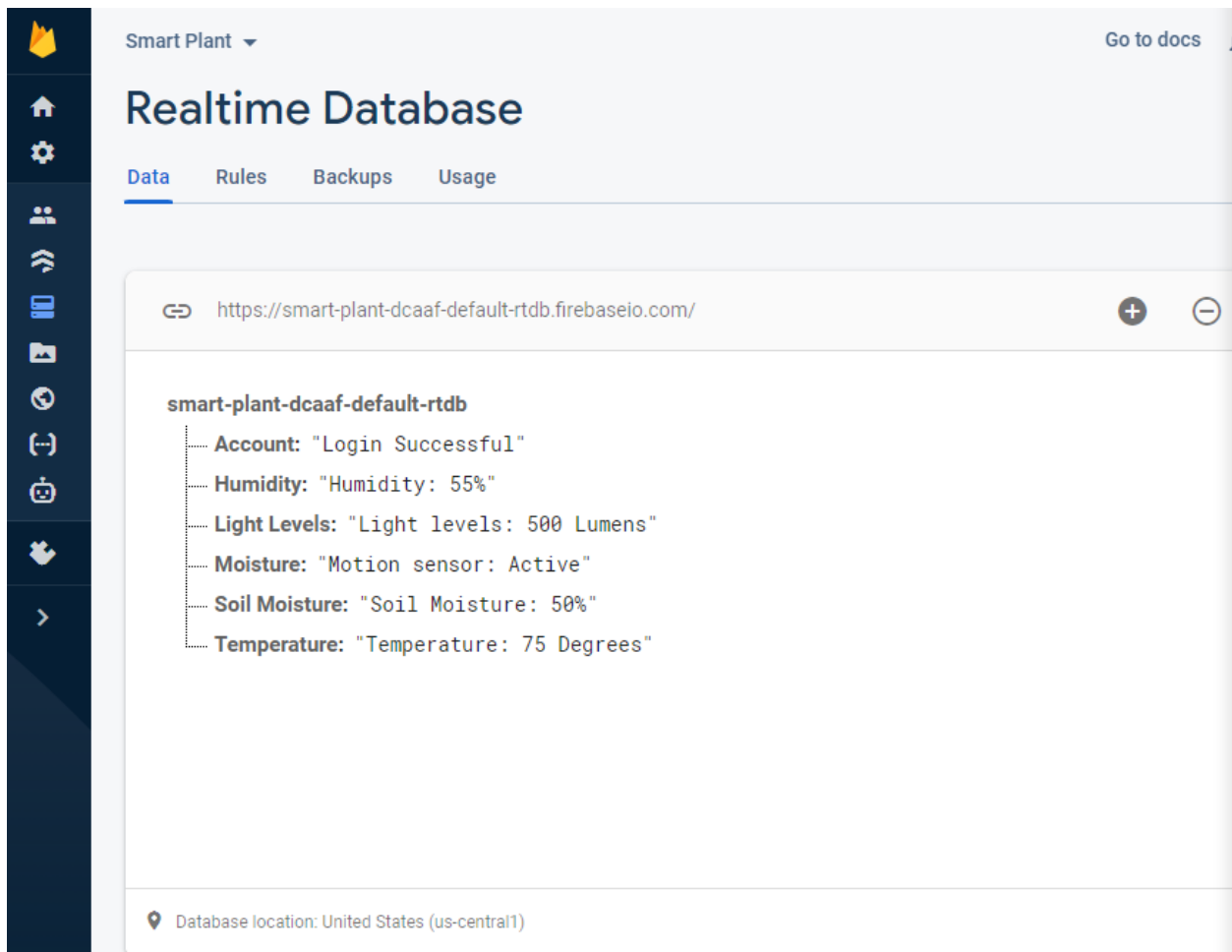
● Epic #2

- 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



The screenshot displays the Firebase Realtime Database interface. On the left is a dark sidebar with navigation icons. The main header shows 'Smart Plant' with a dropdown arrow and a 'Go to docs' link. Below the header, the title 'Realtime Database' is prominent, followed by tabs for 'Data', 'Rules', 'Backups', and 'Usage'. The 'Data' tab is active, showing a browser-like address bar with the URL 'https://smart-plant-dcaaf-default-rtdb.firebaseio.com/'. The data is presented as a JSON object under the path 'smart-plant-dcaaf-default-rtdb'. The object contains six key-value pairs, each with a key in bold and a value in quotes. At the bottom, a location pin icon indicates the database is located in 'United States (us-central1)'.

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"
├── Soil Moisture: "Soil Moisture: 50%"
└── 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.

Daily Stand Up:	Date:
Deliverable 1 fixed/updated	10/02/21
Splash screen layout	10/04/21
Fragments reorganized	10/06/21
Readme.md updated	10/08/21
String values, app visuals updated	10/10/21
Home screen + Gradle version updated	10/11/21
Firebase database added	10/12/21