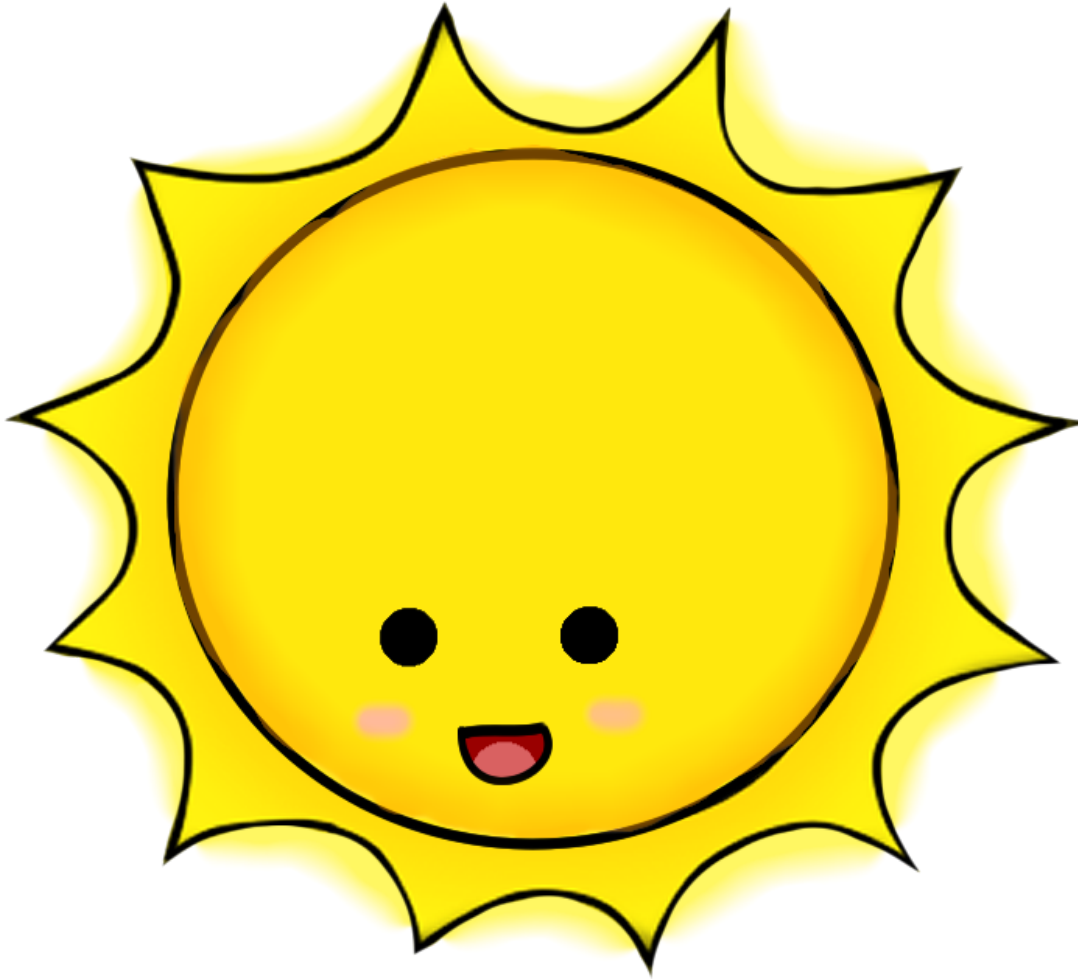


SUNSHINE BOYS

Deliverable 3



Crop Management System

MUHAMMAD QAMAR – N01344609

NOHA PHILIPS – N01351336

TANVIR PAHWA – N01245843

SIVAJAN MANIKAVASAGAR – N01240148


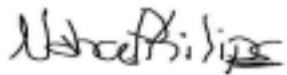
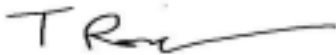
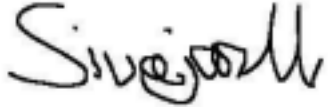
Table of Contents

Brief Description	2
Tables of Signatures	2
Github Link.	2
Sprints	3
Gantt Chart.....	5
C4 Model	7
Daily Standup	8
Sprint Retrospective	9

Brief Description

This project encapsulates the use of multiple sensors such as humidity, temperature, moisture, and level sensors to monitor and grow household plants. Our project will actively monitor plants to make sure they are growing optimally without manual intervention.

Table of Signatures

Name	ID	Signature	Effort
Muhammad Qamar	N01344609		100
Noha Philips	N01351336		100
Tanvir Pahwa	N01245843		100
Sivajan Manikavasagar	N01240148		100

Github Link

<https://github.com/SivajanManikavasagar0124/CropManagementSystem>

Sprints

Sprint 3

User wants to report a bug

•

TS

T

Working on it

Oct 12

Nov 14

Subitems

Person

Status

Start Date

End Date

Size

Notes

+

If the user encounters a bug they will g...

T

Done

Medium

The form is then sent to a shared e-m...

Q

Stuck

User can attach an image or video of t...

Q

Working on it

Give an option of it being a hardware i...

T

Done

Small

Give them a notification letting them k...

Q

Working on it

Small

+ Add Subitem

I want to automate when my plants are watered.

•

TS

Q

Working on it

Oct 12

Nov 14

Subitems

Person

Status

Start Date

End Date

Size

Notes

+

Implement a calendar that the user ca...

S

Done

List dates in a page on the app so the ...

Q

Working on it

Allow user to set dates periodically i.E...

Q

Working on it

Remind the user of upcoming waterin...

Q

Working on it

Allow the user to create multiple sche...

Q

Working on it

+ Add Subitem

User wants to pair product with app

•

TS

Q

Working on it

Oct 12

Nov 14

Subitems

Person

Status

Start Date

End Date

Size

Notes

+

Ask for Bluetooth permissions and wa...

S

Done

Make the user put device in pairing m...

S

Done

When connected sucessfully show the...

Q

Stuck

Let the user know if a sensor is malfu...

Q

Stuck

Give users the option to disconnect fr...

Q

Working on it

+ Add Subitem

Sprint 4

User wants a reminder when water level in their container ...

5

Working on it

Nov 15

Dec 5

Subitems

Person

Status

Start Date

End Date

Size

Notes

Give the user a notification when the w...

Working on it

Give the user the option to choose wh...

Working on it

Give user an error when they try to use...

Working on it

Set a reminder to refill the container p...

Working on it

Give the option to have a notification ...

Working on it

+ Add Subitem

User overwaters or sets too many watering days

5

Working on it

Nov 15

Dec 5

Subitems

Person

Status

Start Date

End Date

Size

Notes

Show the user a warning that tells the...

Working on it

Send the user a notification showing t...

Working on it

Automatically take the user to the aut...

Working on it

If the user makes no changes before l...

Working on it

Allow the user to change the watering ...

Working on it

+ Add Subitem

Finish functionality

5

Working on it

Nov 15

Dec 5

Subitems

Person

Status

Start Date

End Date

Size

Notes

Allow feedback to be sent from bug re...

Working on it

Allow user to link the app with the devi...

Working on it

Make the automation work

Working on it

Allow users to change the automation

Working on it

Finish all the notifications

Working on it

+ Add Subitem

Finish firebase

5

Working on it

Nov 15

Dec 5

Subitems

Person

Status

Start Date

End Date

Size

Notes

Report sensor activity

Working on it

Save crash reports

Working on it

Track amount of users

Working on it

Send bug reports

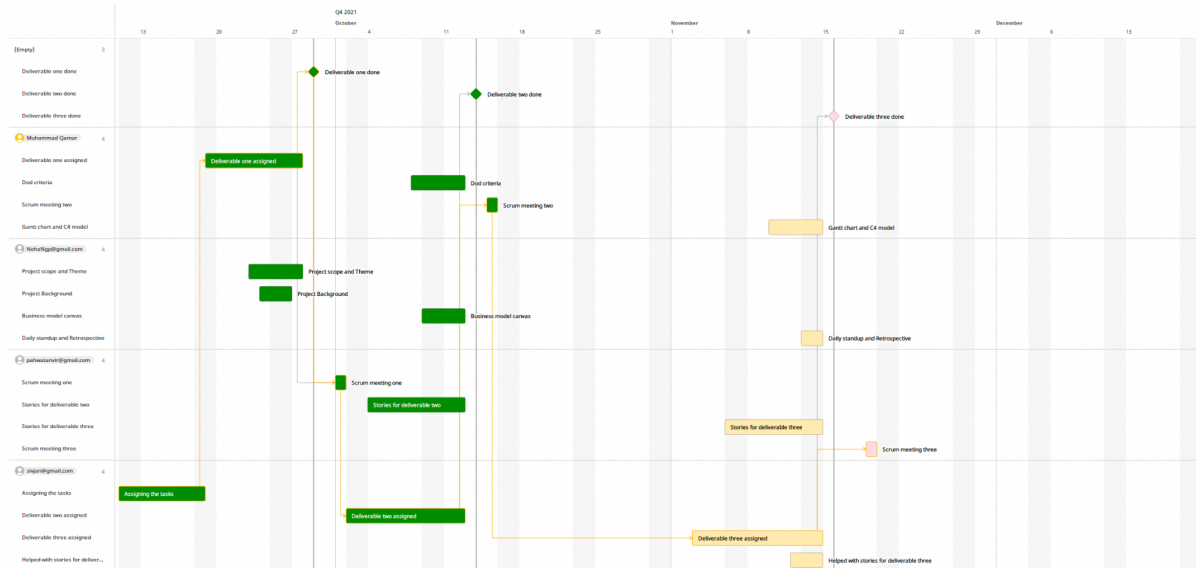
Working on it

Check app performance

Working on it

+ Add Subitem

Gantt Chart



Interfaces

NEW

Table 1

Add or import

Views

Grid view

Hide fields

Filter

Group

Sorted by 1 field

Color

Share view

Find a view

Grid view

Gantt

Create...

Grid

Form

Calendar

Gallery

Kanban

Timeline

Gantt

Section

A Name

▼

1

Deliverable one done

2

Deliverable two done

Deliverable three done

4

Assigning the tasks

5

Deliverable one assigned

6

Project scope and Theme

7

Project Background

8

Scrum meeting one

9

Deliverable two assigned

10

Stories for deliverable two

11

Dod criteria

12

Business model canvas

13

Scrum meeting two

14

Deliverable three assigned

15

Stories for deliverable thr...

16

Gantt chart and C4 model

17

Daily standup and Retros...

18

Helped with stories for de...

19

Scrum meeting three

+

19 records

order

▼

Notes

▼

Status

▼

Start date

▼

End date

▼

dependencies

▼

1

Group members are assign...

Done

September 11, 2...

12:0...

September 18, 2...

12:0...

2

Prof Haki assigned delive...

Done

September 19, 2...

6:59...

September 27, 2...

11:30...

Assigning the tas

3

Worked on project scope ...

Done

September 23, 2...

10:2...

September 27, 2...

10:2...

4

Project background and d...

Done

September 24, 2...

10:27...

September 26, 2...

10:27...

5

Scrum meeting was calle...

Done

October 1, 2021

1:00...

October 1, 2021

3:00...

Deliverable one a

6

In deliverable two prof Ha...

Done

October 2, 2021

8:08...

October 12, 2021

8:08...

Scrum meeting c

7

This was done by the wh...

Done

October 4, 2021

10:3...

October 12, 2021

10:31...

8

Done

October 8, 2021

10:3...

October 12, 2021

10:3...

9

Done

October 9, 2021

10:3...

October 12, 2021

10:3...

10

Discussed what needs to ...

Done

October 15, 2021

4:00...

October 15, 2021

6:00...

Deliverable two a

11

Prof Haki assigned delive...

In progress

November 3, 2021

9:45...

November 14, 2...

11:30...

Scrum meeting t

12

In progress

November 6, 2021

10:37...

November 14, 2...

10:37...

13

In progress

November 10, 2...

10:3...

November 14, 2...

10:3...

14

In progress

November 13, 2...

10:3...

November 14, 2...

10:3...

15

In progress

November 12, 2...

10:4...

November 14, 2...

10:4...

16

Need to discuss what to f...

Todo

November 19, 2...

9:51...

November 19, 2...

9:51...

Deliverable three

Sum

136

Interfaces

NEW

Crop Management System

HELP

Table 1

Add or Import

SHARE

AUTOMATIONS

APPS

VIEWS

Grid view

Hide fields

Filter

Group

Sorted by 1 field

Color

Share view

Find a view

Grid view

Gantt

Create...

Grid

Form

Calendar

Gallery

Kanban

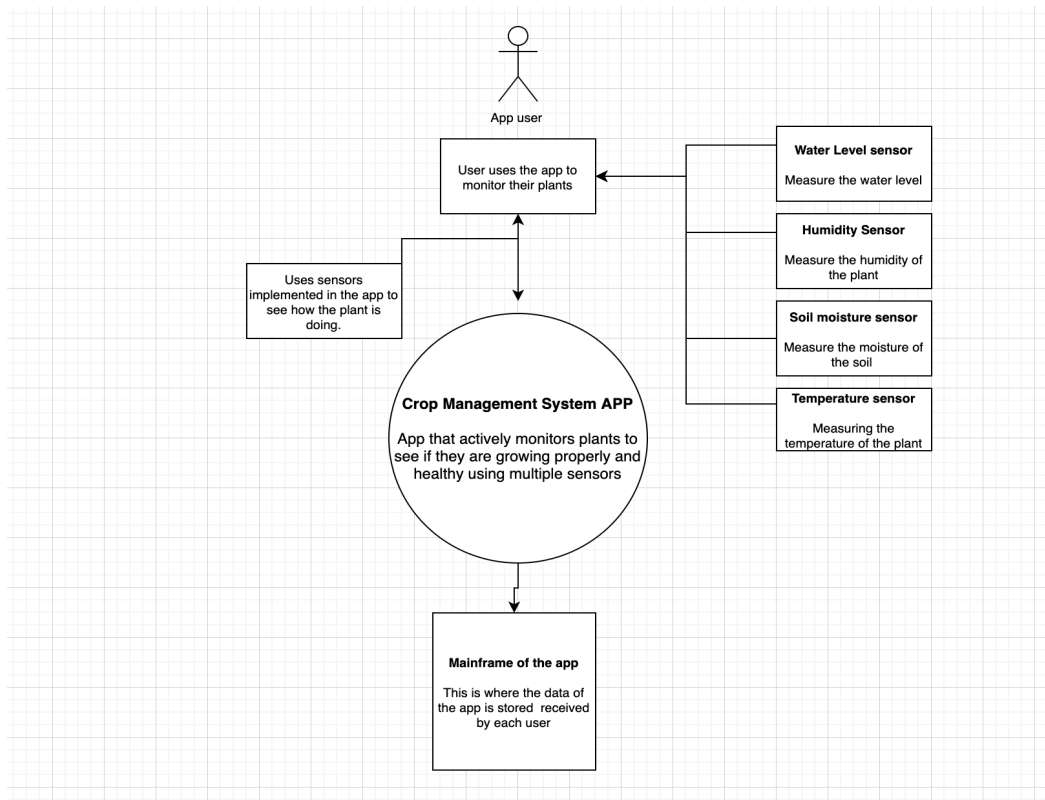
Timeline

Gantt

Section

	Name	Status	Start date	End date	dependencies	person in charge	
1	Deliverable one done			September 28, 2021 11:59...	Deliverable one assigned		
2	Deliverable two done			October 13, 2021 11:59...	Deliverable two assigned		
3	Deliverable three done			November 15, 2021 11:59...	Deliverable three assigned		
4	Assigning the tasks		September 11, 2021 12:00...	September 18, 2021 12:00...		sivjan@gmail.com	
5	Deliverable one assigned		September 19, 2021 6:59...	September 27, 2021 11:30...	Assigning the tasks	Muhammad Qamar	
6	Project scope and Theme		September 23, 2021 10:20...	September 27, 2021 10:20...		NohaNgp@gmail.com	
7	Project Background		September 24, 2021 10:27...	September 26, 2021 10:27...		NohaNgp@gmail.com	
8	Scrum meeting one		October 1, 2021 1:00...	October 1, 2021 3:00...	Deliverable one assigned	pahwatanvir@gmail.com	
9	Deliverable two assigned		October 2, 2021 8:08...	October 12, 2021 8:08...	Scrum meeting one	sivjan@gmail.com	
10	Stories for deliverable two		October 4, 2021 10:30...	October 12, 2021 10:31...		pahwatanvir@gmail.com	
11	Dod criteria		October 8, 2021 10:30...	October 12, 2021 10:30...		Muhammad Qamar	
12	Business model canvas		October 9, 2021 10:30...	October 12, 2021 10:30...		NohaNgp@gmail.com	
13	Scrum meeting two		October 15, 2021 4:00...	October 15, 2021 6:00...	Deliverable two assigned	Muhammad Qamar	
14	Deliverable three assigned	Progress	November 3, 2021 9:45...	November 14, 2021 11:30...	Scrum meeting two	sivjan@gmail.com	
15	Stories for deliverable three	Progress	November 6, 2021 10:37...	November 14, 2021 10:37...		pahwatanvir@gmail.com	
16	Gantt chart and C4 model	Progress	November 10, 2021 10:30...	November 14, 2021 10:30...		Muhammad Qamar	
17	Daily standup and Retrospective	Progress	November 13, 2021 10:30...	November 14, 2021 10:30...		NohaNgp@gmail.com	
18	Helped with stories for deliverable three	Progress	November 12, 2021 10:40...	November 14, 2021 10:40...		sivjan@gmail.com	
19	Scrum meeting three		November 19, 2021 9:51...	November 19, 2021 9:51...	Deliverable three assigned	pahwatanvir@gmail.com	
19 records							

C4 Model



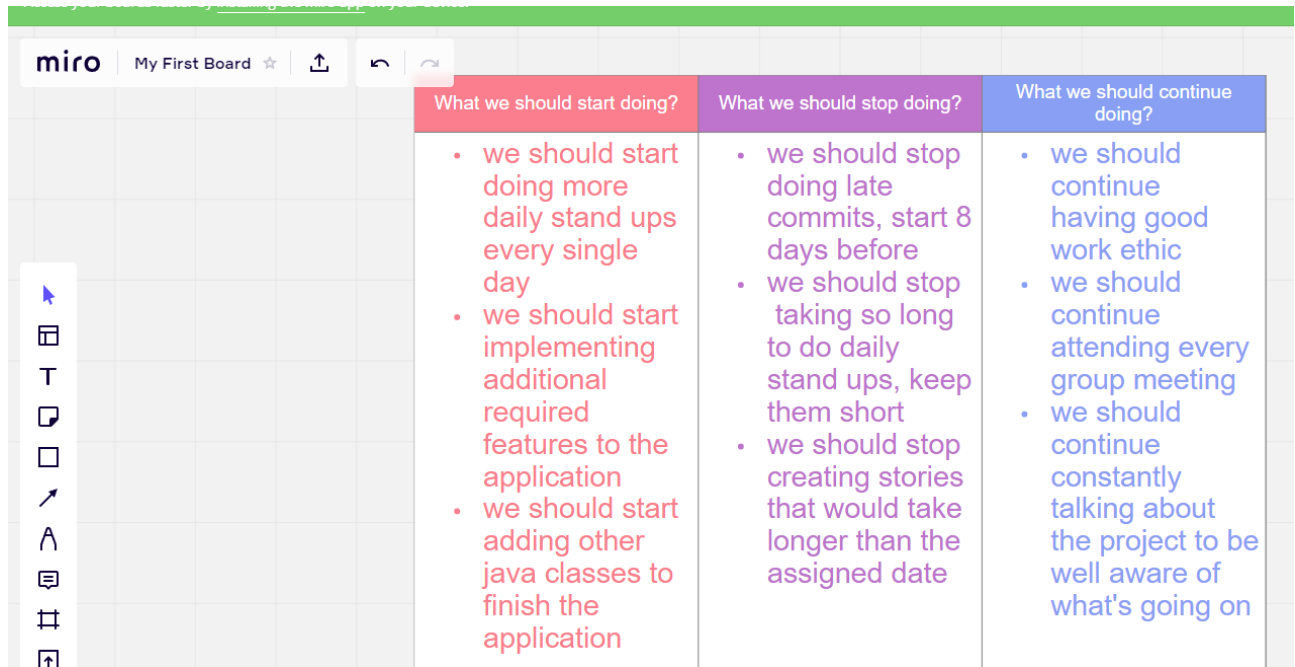
Daily Standup

SUNSHINE BOYS' DAILY STANDUP

NOV.14/21

Tanvir	Noha	Mohammad	Sivajan
What did you work on yesterday?	What did you work on yesterday?	What did you work on yesterday?	What did you work on yesterday?
Implemented bug report for application	Created daily stand-up outcome display and edited the document style	Adjusted soil moisture fragment. Implemented new layout	Adjusted home fragment. Implemented new design
What did you work on today?	What did you work on today?	What did you work on today?	What did you work on today?
Created new sprint with new stories and tasks.	Made sprint retrospective.	Created Gantt chart and c4 diagram.	Implemented read and write from the cloud DB.
Any blockers?	Any blockers?	Any blockers?	Any blockers?
No blockers at the moment.	No blockers at the moment.	No blockers at the moment.	No blockers at the moment.

Sprint Retrospective



The image shows a Miro board titled "My First Board" with a grid background. On the right side, there is a table with three columns for a sprint retrospective. The first column is red and asks "What we should start doing?". The second column is purple and asks "What we should stop doing?". The third column is blue and asks "What we should continue doing?". Each column contains a list of bullet points. The Miro toolbar is visible on the left side of the board.

What we should start doing?	What we should stop doing?	What we should continue doing?
<ul style="list-style-type: none">• we should start doing more daily stand ups every single day• we should start implementing additional required features to the application• we should start adding other java classes to finish the application	<ul style="list-style-type: none">• we should stop doing late commits, start 8 days before• we should stop taking so long to do daily stand ups, keep them short• we should stop creating stories that would take longer than the assigned date	<ul style="list-style-type: none">• we should continue having good work ethic• we should continue attending every group meeting• we should continue constantly talking about the project to be well aware of what's going on