

# Project Planning

## Phase Sprint

### Delivery Plan

#### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story /Task	Story Points	Priority	Team Member
<b>Sprint-1</b>	Simulation creation	UNS-1	Connect sensor and Arduino board and explain details to be covered in upcoming sprints	2	High	Karthikeyan K (Leader)
<b>Sprint-1</b>	Software	UNS-2	Design of software and use case of software	1	High	Sri vidya niikethithan R

<b>Sprint-2</b>	MIT APP	UNS-3	Development of MIT APP and developer test of MIT application	3	High	Sri vidya niikethithan R
<b>Sprint-1</b>	Design of Login interface	UNS-4	Creation of user Login to the MIT application	2	High	Kavin
<b>Sprint-3</b>	Registration (Farmer -Web User)	USN - 1	Registration of user to access the application	3	High	Vignesh P
<b>Sprint - 2</b>	Login	USN - 2	Testing of application by logging In	3	High	Sri vidya niikethithan R , Karthikeyan K, Kavin, Vignesh
<b>Sprint - 4</b>	Web UI	USN - 3	Development of Web UI for user interface for admin	3	High	Sri vidya niikethithan R , Karthikeyan K, Kavin, Vignesh
<b>Sprint - 1</b>	Gathering of specification needed	USN - 1	Getting the problem faces by customer and implement of feature	2	High	Kavin

<b>Sprint - 4</b>	Login and integration application	USN - 2	Testing of application and integration of whole application	3	High	Sri vidya niikethithan R , Karthikeyan K, Kavin, Vignesh
<b>Sprint - 3</b>	Web UI	USN - 3	Enhancement of portal of user Interface	3	Medium	Karthikeyan K, Vignesh
<b>Sprint - 1</b>	Design of platform and connection of devices	USN - 1	Design of platform and creation of connection of devices	1	High	Vignesh P
<b>Sprint - 4</b>	Final integration of software	USN - 2	Finally bug blitz check of application	2	High	Sri vidya niikethithan R , Karthikeyan K, Vignesh P

### Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	12	6 Days	20 Oct 2022	25 Oct 2022	20	25 Oct 2022
Sprint-2	6	6 Days	25 Oct 2022	01 Nov 2022	20	01 Nov 2022
Sprint-3	6	6 Days	03 Nov 2022	08 Nov 2022	20	06 Nov 2022
Sprint-4	6	6 Days	09 Nov 2022	14 Nov 2022	20	13 Nov 2022

## Velocity:

AV for sprint 1= Sprint Duration /velocity =12/6=2

AV for sprint 2= Sprint Duration/Velocity=6/6=1

AV for Sprint 3=Sprint Duration/Velocity=6/6=1

AV for Sprint 4=Sprint Duration/Velocity=6/6=1

## Burndown Chart:

