

## Project Planning Phase

Date	18 October 2022
Team ID	PNT2022TMID15357
Project Name	Fertilizers Recommendation System For Disease Prediction
Maximum Marks	8 Marks

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration (Customer)	USN-1	As a user, I can register for the application by entering my email, password, and confirmation of my password.	2	High	Poonkuzhali .M.C, Rajala Tejaswi, Rishika.R, Reshma.P
Sprint-1	Login	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Poonkuzhali .M.C, Rajala Tejaswi, Rishika.R, Reshma.P
Sprint-1	Dashboard	USN-4	I am a new user, ready to explore the website using dashboard	2	High	Poonkuzhali .M.C, Rajala Tejaswi, Rishika.R, Reshma.P
Sprint-1	Registration (Administrator)	USN-1	As a administrator, I can register for the application by entering my email, password, and confirmation of my password	2	High	Poonkuzhali .M.C, Rajala Tejaswi, Rishika.R, Reshma.P
Sprint-2	Login	USN-3	As an existing user, I can access the website with login credentials .	1	Low	Poonkuzhali .M.C, Rajala Tejaswi, Rishika.R, Reshma.P
Sprint-2	Dashboard	USN-5	I am an existing user, continue from where I left	1	High	Poonkuzhali .M.C, Rajala Tejaswi, Rishika.R, Reshma.P

Sprint-3	Image Uploading	USN-1	To provide the suggestion for fertilizers I am uploading the images of crops.	1	High	Poonkuzhali .M.C, Rajala Tejaswi, Rishika.R, Reshma.P
Sprint-3	Image Uploading	USN-2	If I don't have a clear image I can specify the disease in text format.	2	High	Poonkuzhali .M.C, Rajala Tejaswi, Rishika.R, Reshma.P
Sprint-4	View of recommends	USN-1	I am just an explorer, view of recommends are adequate	2	Low	Poonkuzhali .M.C, Rajala Tejaswi, Rishika.R, Reshma.P
Sprint-4	Feedback Providing	USN-1	After I finished of my journey on the website, then provide feedback.	1	Low	Poonkuzhali .M.C, Rajala Tejaswi, Rishika.R, Reshma.P
Sprint -4	Feedback Collection	USN-2	Collecting reviews from all the peer members	2	Low	Poonkuzhali .M.C, Rajala Tejaswi, Rishika.R, Reshma.P

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

**Project Tracker:**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{20}{10} = 2$$

**Burndown Chart:**

TIME		TASKS(in hours)	
DAY	DATES	PLANNED	ACTUAL
Mon	24-Oct-22	10	10
tue	25-Oct-22	9	9
wed	26-Oct-22	9	9
thurs	27-Oct-22	9	8
fri	28-Oct-22	8	8
sat	29-Oct-22	8	8
sun	30-Oct-22	7	6
mon	31-Oct-22	8	7
tue	1-Nov-22	7	6
wed	2-Nov-22	7	7
thurs	3-Nov-22	6	6
fri	4-Nov-22	5	5
sat	5-Nov-22	5	4
sun	6-Nov-22	5	4
mon	7-Nov-22	6	5
tue	8-Nov-22	6	5
wed	9-Nov-22	7	7
thurs	10-Nov-22	4	4
fri	11-Nov-22	4	4
sat	12-Nov-22	3	2
sun	13-Nov-22	3	2
mon	14-Nov-22	3	2
tue	15-Nov-22	2	1
wed	16-Nov-22	2	1
thurs	17-Nov-22	2	1
fri	18-Nov-22	1	1
sat	19-Nov-22	1	1

