

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	October 2022
Team ID	PNT2022TMID43153
Project Name	SMART FARMER-IoT ENABLED FARMING APPLICATION
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	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	5	High	Kaviya G, Varsha E, Kalaiselvi S, Anitha A
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Kaviya G, Varsha E, Kalaiselvi S, Anitha A
Sprint-1		USN-4	As a user, I can register for the application through Gmail	3	Medium	Kaviya G, Varsha E, Kalaiselvi S, Anitha A
Sprint-1	Confirmation	USN-5	As a user, I can confirm my login by signing into the application by entering email & password	5	High	Kaviya G, Varsha E, Kalaiselvi S, Anitha A
Sprint-1		USN-6	As a user ,I can confirm my login via One time Password by entering the details.	2	Medium	Kaviya G, Varsha E, Kalaiselvi S, Anitha A
Sprint-2	Database Management	USN-7	As a User, I can see the data stored in the application	10	High	Kaviya G, Varsha E,

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
						Kalaiselvi S, Anitha
Sprint-2		USN-8	As a User, I Can see the Previous actions done in the profile	5	Medium	Kaviya G, Varsha E, Kalaiselvi S, Anitha A
Sprint-2		USN-9	As a User, I Can see the suggestions as forecasting	5	Medium	Kaviya G, Varsha E, Kalaiselvi S, Anitha A
Sprint-3	User Interface	USN-10	As a User ,I can access my Profile and Dashboard smoothly	10	High	Kaviya G, Varsha E, Kalaiselvi S, Anitha A
Sprint-3		USN-11	As a User, I can access the support services provided	10	High	Kaviya G, Varsha E, Kalaiselvi S, Anitha A
Sprint-4	Functionality and Purpose	USN-12	As a User, I can monitor the yield without any errors	10	High	Kaviya G, Varsha E, Kalaiselvi S, Anitha A
Sprint-4		USN-13	As a User ,I can ensure the protection of the Farm at anytime and anywhere	10	High	Kaviya G, Varsha E, Kalaiselvi S, Anitha A

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

<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	07 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

**Velocity:**

$$\text{AVERAGE VELOCITY} = 80 \div 4$$
$$= 20$$

Burndown Chart:

