

**Project Planning Phase**  
**Project Planning (Product Backlog, Sprint Planning, Stories, Story points)**  
**Sprint Delivery plan**

Date	22 October 2022
Team ID	PNT2022TMID07205
Project Name	Project – SMART FARMER(IoT Enabled Smart Farming Application)
Maximum Marks	8 Marks

**Product Backlog, Sprint Schedule, and Estimation**

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Story points	Priority	Sprint
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	2	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	1	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Story points	Priority	Sprint
		USN-3	As a user, I can register for the application through Mobile number	I can register & access the dashboard with mobile number Login	2	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail	2	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		1	High	Sprint-1
	Dashboard	USN-6	As a user , I can know the parameters values through dashboard	, I can know the parameters values through dashboard	2	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Story points	Priority	Sprint
	Access Motor Control	USN-7	As a user , I can manipulate motor from anywhere	I can manipulate motor from anywhere	1	High	Sprint-1
Customer (Web user)	Registration	USN-8	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	2	High	Sprint-1
		USN-9	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	2	High	Sprint-1
		USN-10	As a user, I can register for the application through Mobile number	I can register & access the dashboard with mobile number Login	1	Low	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Story points	Priority	Sprint
		USN-11	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail	2	Medium	Sprint-1
	Login	USN-12	As a user, I can log into the application by entering email & password		1	High	Sprint-1
	Dashboard	USN-13	As a user , I can know the parameters values through dashboard	, I can know the parameters values through dashboard	2	High	Sprint-1
	Access Motor Control	USN-14	As a user , I can manipulate motor from anywhere	I can manipulate motor from anywhere	2	High	Sprint-1

**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	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

**Velocity:**

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