

**Project Planning Phase**  
**Sprint Delivery Plan**

Date	28 October 2022
Project Name	Smart farmer- IoT based smart farming application
Maximum Marks	8 Marks
TEAM ID	PNT2022TMID34687

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

<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 Member</b>
<b>Sprint-1</b>	Registration (Farmer Mobile User)	UNS-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Sweetlin Derisha S(Leader),Roshini A R, Sherin Davisha D, Sowmiya A

<b>Sprint-1</b>	Login	UNS-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Sweetlin Derisha S(Leader), Roshini A R, Sherin Davisha D, Sowmiya A
<b>Sprint-1</b>	Data Visualization	UNS-4	As a user, I can register for the application through GMAIL	2	Medium	Sweetlin Derisha S(Leader), Roshini A R, Sherin Davisha D, Sowmiya A
<b>Sprint - 1</b>	Registration (Chemical Manufacturer - Web user)	USN - 1	As a new user, I want to first register using my organization email and create a password for the account.	2	High	Sweetlin Derisha S(Leader), Roshini A R, Sherin Davisha D, Sowmiya A
<b>Sprint - 1</b>	Registration (Chemical Manufacturer - Mobile User)	USN - 1	As a user, I want to first register using my email and create a password for the account.	3	High	Sweetlin Derisha S(Leader), Roshini A R, Sherin Davisha D, Sowmiya A

<b>Sprint - 1</b>	Login	USN - 2	As a registered user, I need to easily log in to the application.	2	Low	Sweetlin Derisha S(Leader), Roshini A R, Sherin Davisha D, Sowmiya A
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<b>Sprint- 2</b>	User Interface	UNS-3	As a user, I can register for the application through Facebook	3	Low	Sweetlin Derisha S(Leader), Roshini A R, Sherin Davisha D, Sowmiya A
<b>Sprint - 2</b>	Login	USN - 2	As a registered user, I need to easily login log into my registered account via the web page in minimum time	3	High	Sweetlin Derisha S(Leader), Roshini A R, Sherin Davisha D, Sowmiya A
<b>Sprint- 3</b>	Registration (Farmer -Web User)	USN - 1	As a user, I can log into the application by entering email and password	3	High	Sweetlin Derisha S(Leader), Roshini A R, Sherin Davisha D, Sowmiya A
<b>Sprint - 3</b>	Web UI	USN - 3	As a user, I need to have a userfriendly interface to easily view and access the resources.	3	Medium	Sweetlin Derisha S(Leader), Roshini A R, Sherin Davisha D, Sowmiya A

<b>Sprint - 4</b>	Login	USN - 2	As a registered user, I need to easily log in using the registered account via the web page.		High	Sweetlin Derisha S(Leader), Roshini A R, Sherin Davisha D, Sowmiya A
<b>Sprint - 4</b>	Web UI	USN - 3	As a user, I need to have a friendly user interface to easily view and access the resources	3	Medium	Sweetlin Derisha S(Leader), Roshini A R, Sherin Davisha D, Sowmiya A

**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	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	6	6 Days	31 Oct 2022	05 Nov 2022	20	30 OCT 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	20	6 NOV 2022
Sprint-4	6	6 Days	14 Nov 2022	19 Nov 2022	20	7 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:

