

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

<b>TITLE</b>	<b>Smart Farmer-IOT Enabled Smart Farming Application</b>
<b>DOMAIN NAME</b>	INTERNET OF THINGS
<b>TEAM ID</b>	PNT2022TMID14842
<b>LEADER NAME</b>	CH MOHAN
<b>TEAM MEMBER NAME</b>	A HAAREESH D JAYESH G MANIKANTA G CHAKRAVARTHI

### 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	CH MOHAN (Leader)
<b>Sprint-1</b>	Login	UNS-2	As a user, I will receive confirmation email once I have registered for the application	1	High	D JAYESH (Member 1)

<b>Sprint-2</b>	User Interface	UNS-3	As a user, I can register for the application through Facebook	3	Low	A HAAREESH (Member 2)
<b>Sprint-1</b>	Data Visualization	UNS-4	As a user, I can register for the application through GMAIL	2	Medium	G.MANIKANTA & G CHAKRAVARTHI (Member 3 & 4 )
<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	CH MOHAN (Leader)
<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	D JAYESH (Member 1)
<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	A HAAREESH (Member 2)

<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	G MANIKANTA & G CHAKRAVARTHI (Member 3 & 4)
<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.	3	High	CH MOHAN (Leader)
<b>Sprint - 3</b>	Web UI	USN - 3	As a user, I need to have a user friendly interface to easily view and access the resources.	3	Medium	D JAYESH (Member 1)
<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.	1	High	A HAAREESH (Member 2)
<b>Sprint - 1</b>	Login	USN - 2	As a registered user, I need to easily log in to the application.	2	Low	G MANIKANTA & G CHAKRAVARTHI (Member 3 & 4)

**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	12	6 Days	24 Oct 2022	29 Oct 2022	20	14 Oct 2022
Sprint-2	6	6 Days	31 Oct 2022	05 Nov 2022	20	17 OCT 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	20	19 NOV 2022
Sprint-4	6	6 Days	14 Nov 2022	19 Nov 2022	20	21 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:

