Project Planning Phase
Sprint Delivery Plan

Team ID	PNT2022TMID46217
Project Name	Smart Farmer-IOT Enabled Smart Farming Application

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

Sprint	Functional Requirement (Epic)	User Story Number	User Story /Task	Story Points	Priority	Team Member
Sprint-1	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	Suganya.S
Sprint-1	Login	UNS-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Sivaranjani.R

Sprint						
Sprint-2	User Interface	UNS-3	As a user, I can register for the application through Facebook	3	Low	Mathumathi.C
Sprint-1	Data Visualization	UNS-4	As a user, I can register for the application through GMAIL	2	Medium	Vinayaga.P
Sprint-3	Registration (Farmer -Web User)	USN - 1	As a user, I can log into the application by entering email and password	3	High	Suganya.S
Sprint - 2	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	Sivaranjani.R
Sprint - 4	Web UI	USN - 3	As a user, I need to have a friendly user interface to easily view and access the resources	3	Medium	Suganya.S
Sprint - 1	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	Sivaranjani.R

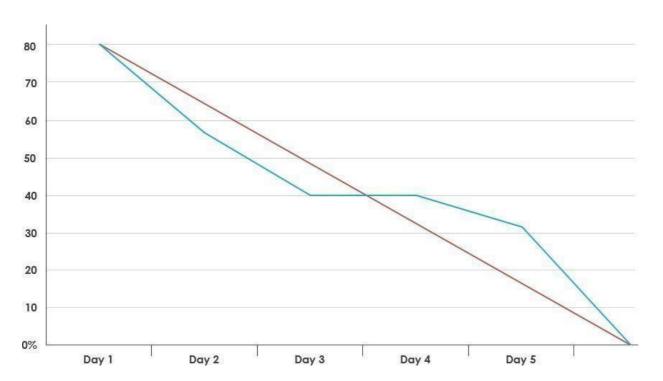| Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint - 4	Login	USN - 2	As a registered user, I need to easily log in using the registered account via the web page.	3	High	Mathumathi.C
Sprint - 3	Web UI	USN - 3	As a user, I need to have a user-friendly interface to easily view and access the resources.	3	Medium	Vinayaga.P
Sprint - 1	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	Sivaranjani.R
Sprint - 1	Login	USN - 2	As a registered user, I need to easily log in to the application.	2	Low	Suganya.S

Project Tracker, Velocity & Burndown Chart:

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	11 Nov 2022
Sprint-2	6	6 Days	31 Oct 2022	05 Nov 2022	20	12 Nov 2022
Sprint-3	6	6 Days	07 Nov 2022	12 Nov 2022	20	14 Nov 2022
Sprint-4	6	6 Days	14 Nov 2022	19 Nov 2022	20	16 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: