IBM NALAIYATHIRAN
SMART FARMER-IOT ENABLED SMART FARMING APPLICATION

SPRINT DELIVERY PLAN

Title	Smart farmer-IoT enabled smart farming application
Domain	Internet of Things
Team ID	PNT2022TMID44170
Project Name	Project – 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,	2	High	Hasna Fathima, Fathima Sulthana,

			and confirming my password.			
Sprint-1	Login	UNS-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Hasna Fathima, Fathima Sulthana
Sprint-2	User Interface	UNS-3	As a user, I can register for the application through Facebook	3	Low	Hasna Fathima
Sprint-1	Data Visualization	UNS-4	As a user, I can register for the applicatio nthrough GMAIL	2	Medium	Hasna Fathima

Sprint-3	Registration (Farmer -Web User)	USN - 1	As a user, I can log into the application by entering email and password	3	High	Hasna Fathima, Gomathi
Sprint - 2	Login	USN - 2	As a registered user, I need to easily login loginto my registered account via the web page in minimum time	3	High	Hasna Fathima, Febila Jamsheera
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	Hasna Fathima, Ranjani

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	Hasna Fathima, Fathima Sulthana
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	Hasna Fathima
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	Hasna Fathima, Ranjani

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	Hasna Fathima, Fathima Sulthana
Sprint - 1	Login	USN - 2	As a registered user, I need to easily log in tothe application.	2	Low	Fathima Sulthana

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint EndDate (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date(Actual)
Sprint-1	12	6 Days	25 Oct 2022	01 NOV 2022	20	01 NOV 2022
Sprint-2	6	6 Days	30 Oct 2022	05 Nov 2022	20	05 NOV 2022
Sprint-3	6	6 Days	04 Nov 2022	10 Nov 2022	20	10 NOV 2022

Sprint-4	6	6 Days	08 Nov 2022	14 Nov 2022	20	14 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