

Smart Farmer-IOT Enabled Smart Farming Application

IBM NALAIYATHIRAN

Project Planning Phase
Sprint Delivery Plan

TITLE	Smart Farmer-IOT Enabled Smart Farming Application
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMID44727
LEADER NAME	KOKILAVANI P
TEAM MEMBER NAME	UMAABIRAMI A VASANTH N PRASANTH AK
MENTOR NAME	AYISHA S

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 registerfor the application by entering my email, password, and confirming my password.	2	High	KOKILAVANI P (Leader)
Sprint-1	Login	UNS-2	As a user, I will receiveconfirmation email once I have Registered for the application	1	High	UMAABIRAMI A (Member 1)

Sprint-2	User Interface	UNS-3	As a user, I can registerfor the application throughFacebook	3	Low	VASANTH N (Member 2)
Sprint-1	Data Visualizati on	UNS-4	As a user, I can registerfor the application through GMAIL	2	Medium	PRASANTH AK (Member 3)
Sprint-3	Registratio n(Farmer -WebUser)	USN - 1	As a user, I can log intothe application byentering email and password	3	High	KOKILAVANI P (Leader)
Sprint - 3	Login	USN - 2	As a registered user, I need to easily loginloginto my registered account via the web page in minimum time	3	High	UMAABIRAMI A (Member 1)
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	VASANTH N (Member 2)

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	PRASANTH AK (Member 3)
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Sprint - 4	Login	USN - 2	As a registered user,Ineed to easily log in using the registered account via the web page.	3	High	KOKILAVANI P (Leader)
Sprint - 3	Web UI	USN - 3	As a user, I need to havea user friendlyinterface to easily view and access the resources.	3	Medium	UMAABIRAMI A (Member 1)
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	VASANTH N (Member 2)
Sprint - 1	Login	USN - 2	As a registered user, I need to easily log in tothe application.	2	Low	PRASANTH AK (Member 3)

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (ason Planned End Date)	Sprint Release Date(Actual)
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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
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Velocity:

**AV for sprint 1= Sprint Duration /velocity
=12/6=2 AV for sprint 2= Sprint
Duration/Velocitv=6/6=1 AV for Sprint 3=Sprint
Duration/Velocitv=6/6=1 AV for Sprint 4=Sprint
Duration/Velocitv=6/6=1**

Burndown Chart:

