

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	PNT2022TMID31496
LEADER NAME	V MANOJ KARTHIK
TEAM MEMBER NAME	JEEVETH P JINI S S KOKILA C
MENTOR NAME	NANDHINI 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 register for the application by entering my email, password, and confirming my password.	2	High	V MANOJ KARTHIK (Leader)
Sprint-1	Login	UNS-2	As a user, I will receive confirmation email once I have registered for the application	1	High	JEEVETH P (Member 1)

Sprint-2	User Interface	UNS-3	As a user, I can register for the application through Facebook	3	Low	JINI S S (Member 2)
Sprint-1	Data Visualizatio n	UNS-4	As a user, I can register for the application through GMAIL	2	Medium	KOKILA C (Member 3)
Sprint-3	Registration (Farmer - Web User)	USN - 1	As a user, I can log into the application by entering email and password	3	High	V MANOJ KARTHIK (Leader)
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	JEEVETH P (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	JINI S S (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	KOKILA C (Member 3)
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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	V MANOJ KARTHIK (Leader)
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	JEEVETH P (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	JINI S S (Member 2)
Sprint - 1	Login	USN - 2	As a registered user, I need to easily log in to the application.	2	Low	KOKILA C (Member 3)

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (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	12 Nov 2022	20	6 NOV 2022

			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:

