

SmartFarmer-IOTEnabledSmartFarmingApplication

Project
PlanningPhaseSprintDeliveryPlan

TITLE	SmartFarmer-IOTEnabledSmartFarmingApplication
DOMAINNAME	INTERNETOFTHINGS
TEAMID	PNT2022TMID18018
LEADERNAME	PRIYA M
TEAMMEMBERNAME	KAVIANJALI K.S MYTHILI S.U NISHANTHINI N
MENTORNAME	SHOBANA MARUDHACHALAM

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	PRIYA. M (Leader)
Sprint-1	Login	UNS-2	As a user, I will receive confirmation email once I have registered for the application	1	High	KAVIANJALI K.S (Member 1)

Sprint-2	UserInterface	UNS-3	As a user, I can register for the application through Facebook	3	Low	MYTHILI S.U (Member2)
Sprint-1	Data Visualization	UNS-4	As a user, I can register for the application through GMAIL	2	Medium	NISHANTHINI N (Member3)
Sprint-3	Registration(Farmer-WebUser)	USN -1	As a user, I can log into the application by entering email and password	3	High	PRIYA. M (Leader)
Sprint-2	Login	USN -2	As a registered user, I need to easily login to my registered account via the webpage in minimum time	3	High	KAVIANJALI K.S (Member1)
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	MYTHILI S.U (Member2)

P r o j e c t T r a c k e r	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	PRIYA M (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	KAVIANJALI K.S (Member1)
	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	MYTHILI S.U (Member2)
	Sprint-1	Login	USN -2	As a registered user, I need to easily log into the application.	2	Low	NISHANTHINI N (Member3)

,Velocity&Burndown Chart:(4Marks)

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	6Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	6	6Days	31 Oct 2022	05 Nov 2022	20	30 OCT 2022
Sprint-3	6	6Days	07 Nov 2022	12 Nov 2022	20	6 NOV 2022
Sprint-4	6	6Days	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 Dura

tion / Velocity = $6/6 = 1$

BurndownChart:

