

Project Planning

Phase Sprint Delivery Plan

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	A.Priyadharshini(Leader)

Sprint-1	Login	UNS-2	As a user, I will receive confirmation email once I have registered for the application	1	High	S.Santhanalakshmi(M ember 1)
-----------------	-------	-------	--	---	------	---------------------------------

Sprint-2	UserInterface	UNS-3	As a user, I can registerfor the applicationthrough Facebook	3	Low	S.Kirubavathi (Member 2)
Sprint-1	DataVisualizati on	UNS-4	As auser,I can register for the applicationthroughG MAIL	2	Medium	G.Jaseema Begum(Member3)
Sprint-3	Registration(Far mer -WebUser)	USN -1	As a user, I can log intothe application byentering email and Password	3	High	A.Priyadharshini(Leader)
Sprint -2	Login	USN -2	As a registered user, Ineedtoeasilyloginloginto my registeredaccount via the webpageinminimumtime	3	High	S.Santhanalaksh mi (Member 1)
Sprint -4	WebUI	USN -3	Asauser,Ineedtohave a friendly userinterface to easily viewandaccesstheresources	3	Medium	S.Kirubavathi (Member2)

Sprint -1	Registration(ChemicalManufacturer -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	G.Jaseema Begum (Member 3)
------------------	--	--------	--	---	------	-------------------------------

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	A.Priyadharshini (Leader)
Sprint -3	WebUI	USN -3	As a user, I need to have a user friendly interface to easily view and access the resources.	3	Medium	S.Santhanalakshmi (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	S.Kirubavathi (Member 2)
Sprint -1	Login	USN -2	As a registered user, I need to easily log in to the application.	2	Low	G.Jaseema Begum (Member 3)

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

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	24Oct2022	29Oct2022	20	29Oct2022
Sprint-2	6	6Days	31Oct2022	05Nov2022	20	30OCT2022
Sprint-3	6	6Days	07Nov2022	12Nov2022	20	6NOV 2022
Sprint-4	6	6Days	14Nov2022	19Nov2022	20	7NOV 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
AVforSprint4=SprintDuration/Velocity=6/6=1

BurndownChart:

