

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story Point)

Date	05 November 2022
Project Name	Smart Farmer - IoT Enabled Smart Farming Application
Maximum Marks	8 Marks

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

Sprint-2	User Interface	UNS-3	As a user, I can register for the application through Facebook	2	Low	Anusree A.S (Member 2)
Sprint-1	Data Visualization	UNS-4	As a user, I can register for the application through GMAIL	2	Medium	Christina Joy A (Member 3)
Sprint-3	Registration (Farmer -Web User)	USN - 1	As a user, I can log into the application by entering email and password	1	Medium	Christina Joy A (Member 3)
Sprint - 1	Login	USN - 2	As a registered user, I need to easily login log into my registered account via the web page in minimum time	1	High	God Shaly J (Member 4)
Sprint - 4	Web UI	USN - 3	As a user, I need to have a friendly user interface to easily view and access the resources	1	High	God Shaly J (Member 4)

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	God Shaly J (Member 4)
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Sprint - 1	Login	USN - 2	As a registered user, I need to easily log in using the registered account via the web page.	1	High	God Shaly J (Member 4)
Sprint - 3	Web UI	USN - 3	As a user, I need to have a userfriendly interface to easily view and access the resources.	2	High	Abishega A G (Leader)
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.	2	High	Abishega A G (Leader)
Sprint - 1	Login	USN - 2	As a registered user, I need to easily log in to the application.	2	High	Abishega A G (Leader)

Sprint - 2	Data Visualization	USN - 3	The data from the sensors transmitted through Arduino needs to be viewed in the mobile application remotely from anywhere	2	High	Abishega A.G (Leader)
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Sprint - 3	User Interface	USN - 4	As a user, I want an attractive user interface to view the parameters remotely through mobile	1	Medium	Anushree A S (Member 2)
Sprint - 1	Login (Administrator)	USN - 1	As an admin, I need to log in to the account and should view the status of all the installed devices.	2	Medium	Christina Joy A (Member 3)
Sprint - 4	Upgrade	USN - 2	As an admin, I need to update new upgrades and services up to the date.	2	High	God Shaly J (Member 4)

Sprint - 4	Support	USN - 3	As an admin, I need to address customer queries and take necessary measures.	1	High	Abishega A G (Leader)
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Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Point Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	07 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	14 Nov 2022