Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	15 November 2022
Team ID	PNT2022TMID34723
Project Name	Project – Smart Farmer-IoT Enabled Smart Farming Application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration (Farmer Mobile User)	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password..	3	High	Femi Sterlin Dhas.A, Abitha.K, Abiya Brittolin.M, Aswini.D.B
Sprint-1	Login	USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Femi Sterlin Dhas.A, Abitha.K, Abiya Brittolin.M, Aswini.D.B
Sprint-1	Data Visualization	USN-4	As a user, I can register for the application through Gmail	2	Low	Femi Sterlin Dhas.A, Abitha.K, Abiya Brittolin.M, Aswini.D.B
Sprint-1	Registration (Chemical Manufacturer -	USN-1	As a new user, I want to first register using my organization email and create a password for the account.	4	Medium	Femi Sterlin Dhas.A, Abitha.K, Abiya Brittolin.M,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
	Web user)					Aswini.D.B
Sprint-2	User Interface	USN-1	As a user, I can register for the application through Face book.	3	High	Femi Sterlin Dhas.A, Abitha.K, Abiya Brittolin.M, Aswini.D.B
Sprint-2	Login	USN-2	As a registered user, Indeed to easily login log into my registered account via the web page in minimum time	3	High	Femi Sterlin Dhas.A, Abitha.K, Abiya Brittolin.M, Aswini.D.B

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Registration (Farmer -Web User)	USN-1	As a user, I can log in to the application by entering email and password	3	High	Femi Sterlin Dhas.A, Abitha.K, Abiya Brittolin.M/ Aswini.D.B
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	Femi Sterlin Dhas.A, Abitha.K, Abiya Brittolin.M Aswini.D.B
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	Femi Sterlin Dhas.A , Abitha.K, Abiya Brittolin.M, Aswini.D.B
Sprint-4	Login	USN-2	As a registered user, I need to easily log in using the registered account via the webpage.	3	High	Femi Sterlin Dhas.A, Abitha.K, Abiya Brittolin.M, Aswini.D.B

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	6 Days	19 Oct 2022	25 Oct 2022	20	19 Oct 2022
Sprint-2	6	6 Days	26 Oct 2022	1 Nov 2022	20	27 Oct 2022
Sprint-3	6	6 Days	02 Nov 2022	08 Nov 2022	20	04 Nov 2022
Sprint-4	6	6 Days	09 Nov 2022	15 Nov 2022	20	13 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

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