Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID32283
Project Name	Exploratory analysis of Rainfall data in India for Agriculture
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	USN-1	As a user, I can register for the application by entering my email, password and confirming	5	High	Vigneshwari, Sathiya
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Nandhinipriya, Anthoni Thomas
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	3	Low	Vigneshwari, Sathiya, Nandhinipriya, Anthoni Thomas

Sprint-2	pRegistration	USN-4	As a user, I can register for the application through Facebook	4	Low	Vigneshwari, Sathiya, Nandhinipriya, Anthoni Thomas

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email&password	3	High	Vigneshwari, Anthoni Thomas .
Sprint-3	Dashboard	USN-6	As a user,I can view the details about the system and can navigate through the pages	5	High	Sathiya, Nandhinipriya .
Sprint-4	Prediction	USN-7	As a user,I can enter the location and get the prediction results for that particular location	5	High	Vigneshwari, Nandhinipriya .
Sprint-3	NEWS	USN-8	As a user,i can view latest news articles related to agriculture	3	Medium	Sathiya, Anthoni Thomas
Sprint-4	Chatbot	USN-9	As a user, i can interact with chatbot to as queries	3	low	Vigneshwari, Sathiya, Nandhinipriya, Anthony Thomas
Sprint-4	Feedback	USN-10	As a user, I can give my feedbacks about the	5	High	Vigneshwari, Sathiya,

			predictions rates, user interface and if any issue to be solved			Nandhinipriya, Anthony Thomas

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	10	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	7	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	8	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	13	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

Sprint	Average velocity
Sprint-1	1.67
Sprint-2	1.17
Sprint-3	1.33
Sprint-4	2.17

Burndown Chart: