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

Date	27October 2022
Team ID	PNT2022TMID00549
Project Name	Efficient Water Quality analysis and Prediction using Machine Learning
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 my password.	2	High	Shivani I Vishnavi V
Sprint-1	User Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	Medium	Shirley Praylin G
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	2	High	Sindhuja Shirley Praylin G
Sprint-2	Data Collection and data preprocessing	USN-1	A Data Collection is a process of gathering and measuring information on variables to ensure accuracy and facilitate data analysis. Data pre processing is a process of clean	2	High	Shivani I Shirley Praylin G Vaishnavi V

			the raw dataset present on it.				
Sprint-3	Train and develop the model	USN-1	We need to check and train our model is performing the test data.	2		High	Shivani I Vaishnavi V Shirley Praylin G Sindhuja S
Sprint-4	Web Application	USN-1	As as user, I will show the current Information of the water quality.	1		Medium	Shivani I Shirley Praylin G Vaishnavi V

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	20	4 Days	24 Oct 2022	27 Oct 2022	20	29 Oct 2022
Sprint-2	20	5 Days	28 Oct 2022	01 Nov 2022	20	04 Nov 2022
Sprint-3	20	8 Days	02 Nov 2022	09 Nov 2022	20	11 Nov 2022
Sprint-4	20	9 Days	10 Nov 2022	18 Nov 2022	20	19 Nov 2022