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

Date	22 October 2022
Team ID	PNT2022TMID49528
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	Analysing the water quality	USN-1	The man who wants to save our health to do the necessary steps	2	High	L.Aarthy P.Prakashini
Sprint-2	Prevention of drinking polluted water	USN-2	The officer worried about the people health because unpurified water causes many health issues	2	High	P.Prakashini M.Aarthi
Sprint-3	Detect the water quality	USN-3	The socialist can collect the various water parameters to detect the water quality at various environment	2	High	M.Aarthi K.Meenakshi
Sprint-4	Using hardware kit,cloud and various sensors	USN-4	The government take more steps to implementing this hardware setup	2	Medium	K.Meenakshi M.Aarthi
Sprint-5	Training and testing the water quality detection	USN-4	The programmer build a model for water quality detection by train the dataset	2	High	P.Prakashini L.Aarthy
Sprint-6	Notification	USN-6	The model can detect the water quality this detected values is notify to the users	2	High	L.Aarthy K.Meenakshi

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	4Days	24 Oct 2022	27 Oct 2022	20	27 Oct 2022
Sprint-2	20	4 Days	28 Oct 2022	01 Nov 2022	20	01 Nov 2022
Sprint-3	20	4 Days	02 Nov 2022	06 Nov 2022	20	06 Nov 2022
Sprint-4	20	4 Days	07 Nov 2022	10 Nov 2022	20	10 Nov 2022
Sprint-5	20	4 Days	11 Nov 2022	15 Nov 2022	20	15 Nov 2022
Sprint-6	20	4 Days	16 Nov 2022	19 Nov 2022	20	19 Nov 2022