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

Date	22 October 2022
Team ID	PNT2022TMID49552
Project Name	Real Time River Water Quality Monitoring and Control system.
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 Members
Sprint-1	Analysing the river water.	USN-1	The researcher take the necessary action to maintain the river water always clean	2	High	Visalakshi M Sowmiya K
Sprint-1	Find the PH level.	USN-2	People wants to drink only the pure water because they worried about their health.	2	High	Aishwarya P Madhumitha. R
Sprint-2	Detect the pH level of water.	USN-3	The Farmers who raise crops for preparing land for planting and harvesting.	2	Medium	Sowmiya K Aishwarya P
Sprint-3	Notification	USN-4	Can use the transmitter the message will send the users mobile.	2	High	Visalakshi M Madhumitha R
Sprint-4	Analyse High range of PH level.	USN-5	Which PH value range is high is should be control.	2	Medium	Visalakshi M Aishwarya P

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	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	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022