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

Date	15 Nov 2022
Team ID	PNT2022TMID21280
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.	8	High	SABAREESWARAN C PAVITHRA K SARAVANAN TG DIWAHAR S
Sprint-1	User Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	8	Medium	SABAREESWARAN C PAVITHRA K SARAVANAN TG DIWAHAR S
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	4	High	SABAREESWARAN C PAVITHRA K SARAVANAN TG DIWAHAR S
Sprint-2	Interface Sensor	USN-1	A sensor interface is a bridge between a device and any attached sensor. The interface takes data collected by the sensor and outputs it to the attached device.	20	High	SABAREESWARAN C PAVITHRA K SARAVANAN TG DIWAHAR S

| Sprint-3 | Coding (Accessing datasets) | USN-1 | Coding is a set of instructions used to manipulate information so that a certain input results in a particular output. | 20 | High | SABAREESWARAN C PAVITHRA K SARAVANAN TG DIWAHAR S |
| Sprint-4 | Web Application | USN-1 | As user, I will show the current Information of the water quality. | 20 | Medium | SABAREESWARAN C PAVITHRA K SARAVANAN TG DIWAHAR S |

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	25 Oct 2022	28 Oct 2022	20	01 Nov 2022
Sprint-2	20	4 Days	29 Oct 2022	1 Nov 2022	20	04 Nov 2022
Sprint-3	20	4 Days	02 Nov 2022	5 Nov 2022	20	11 Nov 2022
Sprint-4	20	4 Days	12 Nov 2022	15 Nov 2022	20	19 Nov 2022