

## Project Planning Phase

### Sprint Delivery Plan

Date	22 October 2022
Team ID	PNT2022TMID37025
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Dhivyamoorthy
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Duraimugilan
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Sankarbarath
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Duraimugilan
Sprint-1	Login	USN-5	As a user, I can log into the application by Entering email & password	1	High	Dhivyamoorthy

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint StartDate</b>	<b>Sprint End Date(Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint ReleaseDate (Actual)</b>
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	30	30 Oct 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	49	06 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	50	07 Nov 2022

**Velocity:**

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

**Burndown Chart:**

