

**Project Planning**  
**Phase Sprint Deliver**  
**Plan**

Team ID	PNT2022TMID42660
Project Name	Real-Time River Water Quality Monitoring and Control System

**Product Backlog, Sprint Schedule, and Estimation**

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	Pon Kiruthiga.S.K.
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Soumya.R
Sprint-2		USN-3	As a user, I can register for the application through Whatasapp	2	High	Arathi K Nair,

Sprint-1	Login	USN-4	As a user, I can register for the application through Gmail	1	Low	Anbalagan. A
Sprint-1	Login	USN-5	As a user, I can log into the application by Entering email & password	2	High	Gokulakrishnn. S

**Project Tracker, Velocity & Burndown Chart:**

<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	26 Oct 2022	29 Oct 2022	20	04 Nov 2022
Sprint-2	20	6 Days	30 Oct 2022	05 Nov 2022	30	06 Nov 2022
Sprint-3	20	6 Days	09 Nov 2022	12 Nov 2022	49	08 Nov 2022
Sprint-4	20	6 Days	15 Nov 2022	19 Nov 2022	50	11 Nov 2022

Velocity:

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

**Burndown Chart:**

