

Project Planning Phase

Sprint Delivery Plan

Date	26 October 2022
Team ID	PNT2022TMID40953
Project Name	Real-Time River Water Quality Monitoring and Control System
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.	2	High	Prasanthkumar G
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Ragunathan P
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Naveenkumar S
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Karthick S
Sprint-1	Login	USN-5	As a user, I can log into the application by Entering email & password	1	High	Ragunathan 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	4 Days	24 Oct 2022	27 Oct 2022	20	29 Oct 2022
Sprint-2	20	5 Days	28 Oct 2022	01 Nov 2022	20	04 Nov 2022
Sprint-3	20	8 Days	02 Nov 2022	09 Nov 2022	20	11 Nov 2022
Sprint-4	20	9 Days	10 Nov 2022	18 Nov 2022	20	19 Nov 2022

Velocity:

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

Burndown Chart:

