PROJECT PLANNING PHASE

Sprint Delivery Plan

TEAM ID	PNT2022TMID17742
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	SHYLUKSHA K
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	RAJA SIMMAN P R
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	DHILEEPAN T
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	KALAIAMUDHAN V

Sprint-1	Login	USN-5	As a user, I can log into the application by Entering email & password	1	High	RAJA SIMMAN P R

Project Tracker, Velocity & Burndown Charts (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	27 Oct 2022
Sprint-2	20	6 Days	28 Oct 2022	04 Nov 2022	30	30 Oct 2022
Sprint-3	20	6 Days	03 Nov 2022	10 Nov 2022	49	04 Nov 2022
Sprint-4	20	6 Days	08 Nov 2022	15 Nov 2022	50	09 Nov 2022

Velocity:

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

Burndown Chart: