Project Planning Phase

Sprint Delivery Plan

Team ID	PNT2022TMID10699
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)	Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	N-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	M Sinthuja
Sprint-1		N-2	As a user, I will receive confirmation email once I have registered for the application	1	High	S Safreena Begum
Sprint-2		N-3	As a user, I can register for the application through Facebook	2	Low	S Sharu Priya
Sprint-1		N-4	As a user, I can register for the application through Gmail	2	Medium	S Sneha

Sprint-1	Login	N-5	As a user, I can log into the application by Entering email & password	1	High	R Sowmya

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	6 Days	10 oct 2022	15 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	15 oct 2022	05 Nov 2022	30	6 Nov 2022
Sprint-3	20	6 Days	20 Nov 2022	24 Nov 2022	49	26 Nov 2022
Sprint-4	20	6 Days	27 Nov 2022	30 Nov 2022	50	31 Nov 2022

Velocity:

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

Burndown Chart: .