

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	18 October 2022
Team ID	PNT2022TMID46761
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	S. Ramana Bharathi
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	A.Prakash
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	SM.Swethaa
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	K.Renuka
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	S.Gayathri
Sprint-3	Login	USN-5	As a, Customer Care Executive I can log into the application by entering server email & password	2	High	SM.Swethaa
Sprint-4	Login	USN-5	As a Administrator, I can log into the application by entering sever email & password	2	High	S. Ramana Bharathi

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	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	06 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	14 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

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

Burndown Chart:

