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

Date	18 October 2022
Team ID	PNT2022TMID42484
Project Name	Project – Real time River water monitor and control system
Maximum Marks	8 Marks

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	Aashiq Abijai Swathi Kiran
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Aashiq Abijai Swathi Kiran
Sprint-2	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	Aashiq Abijai Swathi Kiran
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	Aashiq Abijai Swathi

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Kiran
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Aashiq Abijai Swathi Kiran
Sprint-3	Dashboard	USN-6	As a user, I can access my dashboard	3	High	Aashiq Abijai Swathi Kiran
Sprint-4	Monitor	USN-7	As an Admin, I can control and monitor the activities of user	3	High	Aashiq Abijai Swathi Kiran
Sprint-4	Customer care	USN-8	As an customer care executive, I can solve the queries of customer	3	High	Aashiq Abijai Swathi Kiran

Project Tracker, Velocity & Burndown Chart:

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	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	30	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	30	19 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

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

Burndown Chart: