

Project Planning Phase

Date	18 October 2022
Team ID	PNT2022TMID42318
Project Name	IOT Based Real-Time River Water Quality Monitoring and Control System
Maximum Marks	8 Marks

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Check Notification	USN-1	As a user, I can check the notification of the alert message.	20	High	Vinitha.R
Sprint-2	Check water parameters	USN-2	As a user, I can check the level of water parameters like temperature, humidity, PH level etc.	20	High	Shanthini.P
Sprint-3	Registration Page	USN-3	As a user, I can register into the appication	20	High	Kaviya.K
Sprint-4	Login Page	USN-4	As a user, I can login into the application	20	High	Gokul Kannan.S

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	09 Nov 2022	20	09 Nov 2022
Sprint-3	20	6 Days	10 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	12 Nov 2022	13 Nov 2022	20	13 Nov 2022

Velocity:

Sprint 1: 1 user story x 20 story points = 20

Sprint 2: 1 user story x 20 story points = 20

Sprint 3: 1 user story x 20 story points = 20

Sprint 4: 1 user story x 20 story points = 20

Total = 80

Average Sprint Velocity = $80 / 4 = 20$

