

## Project Planning Phase

Date	18 October 2022
Team ID	PNT2022TMID03537
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	DHANUSH L N
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	DHINESH KUMAR J
Sprint-3	Registration Page	USN-3	As a user, I can register into the application	20	High	YASHWANTH G
\Sprint-4	Login Page	USN-4	As a user, I can login into the application	20	High	SURENDAR V

### 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	10 Oct 2022	10 Oct 2022	20	10 Nov 2022
Sprint-2	20	6 Days	19 Oct 2022	19 Nov 2022	20	19 Nov 2022
Sprint-3	20	6 Days	19 Nov 2022	19 Nov 2022	20	19 Nov 2022
Sprint-4	20	6 Days	19 Nov 2022	19 Nov 2022	20	19 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 =  $80 / 4 = 20$**

**JIRA ROAD MAP AND BOARD**



PLANNING  
Roadmap

Board

DEVELOPMENT  
Code

- Project pages
- Add shortcut
- Project settings

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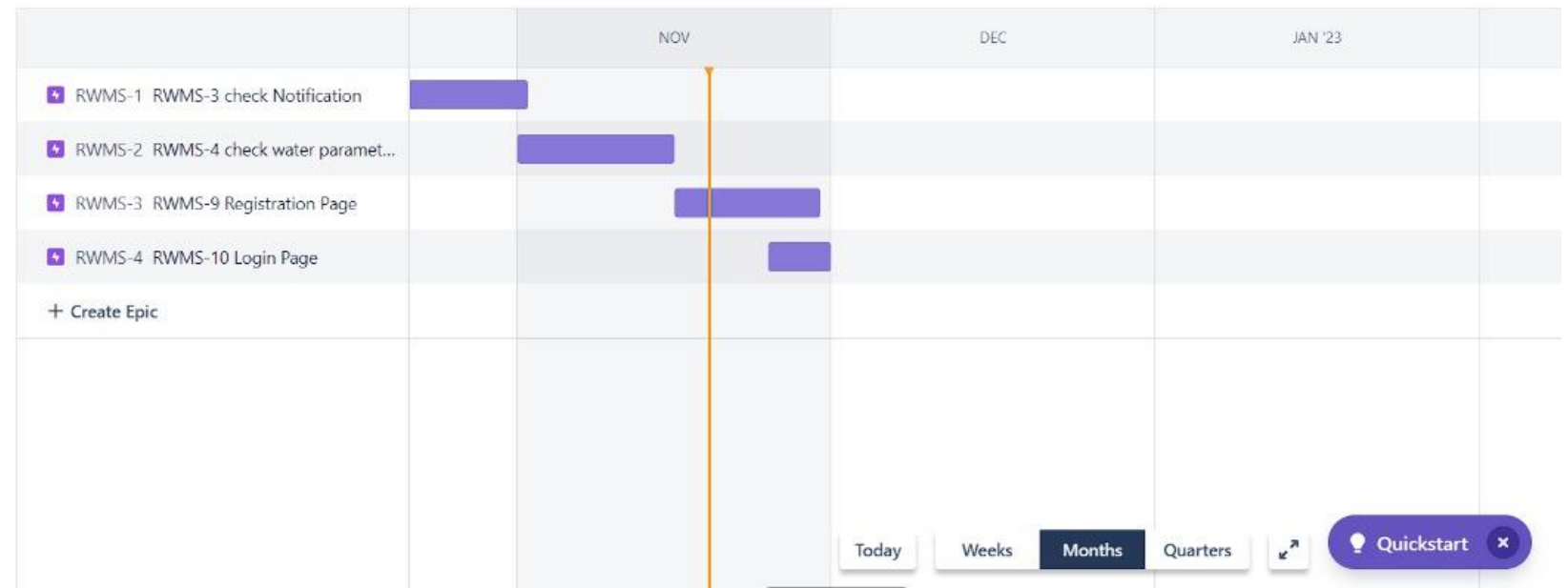
Projects / River Water Management System

## Roadmap

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View settings



IN PROGRESS 2 ISSUES

As a user, I can check the notification of the alert message

CHECK NOTIFICATION

 RWMS-5

20



As a user, I can check the level of water parameters like temperature, humidity, PH level etc

CHECK WATER PARAMETERS

 RWMS-6

20



DONE ✓



 Quickstart

