

## Project Planning Phase

Team ID	PNT2022TMID18037
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	SOORIYASE KARAN J
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	DANIEL NELSON J
Sprint-3	Registration Page	USN-3	As a user, I can register into the appication	20	High	ARAVINDH S
Sprint-4	Login Page	USN-4	As a user, I can login into the application	20	High	DHANUSHRA M K J

### 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 =  $80 / 4 = 20$**

## **JIRA ROAD MAP AND BOARD**

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River Water Monitorin...  
Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

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Status category

View settings

	OCT		NOV		NOV		NOV																					
	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
Sprints	AS Sprint 1				RWMS Sprint 2								RWMS S...		RWMS Sp...													
> <u>RWMS-3 Check Notification</u>	<div></div>																											
> <u>RWMS-4 Check water parameters</u>					<div></div>																							
> <u>RWMS-9 Registration Page</u>															<div></div>													
> <u>RWMS-10 Login Page</u>																	<div></div>											
+ Create Epic																												

Today

Weeks

Months

Quarters

Quickstart



River Water Monitorin...  
Software project

## PLANNING



Roadmap



Backlog



Board

## DEVELOPMENT



Code



Project pages



Add shortcut



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## All sprints



Epic

Sprint



Complete sprint



GROUP BY

None

Insights

## TO DO 2 ISSUES

As a user, I am able to register  
into the application

REGISTRATION PAGE

RWMS-7

20



As a user, I am able to login into  
the application

LOGIN PAGE

RWMS-8

20



## 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

