

## Project Planning Phase

Date	18 October 2022
Team ID	PNT2022TMID17403
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	VEENA V 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	SUGAPRIYA M
Sprint-3	Registration Page	USN-3	As a user, I can register into the application	20	High	SARAFINA HASEEN A
Sprint-4	Login Page	USN-4	As a user, I can login into the application	20	High	SHARON JEBA GETHSIYAL 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 =  $80 / 4 = 20$**

**JIRA ROAD MAP AND BOARD**

Jira Software

Your work

Projects

Filters

Dashboards

People

Apps

Create

Q Search

4

?

River Water Monitorin...

Software project

PLANNING

Roadmap

Backlog

Board

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project

Learn more

Projects / River Water Monitoring System

Roadmap

Give feedback

Share

Export

Q

Status category

View settings

	OCT		NOV		NOV		NOV		
	27	28	29	30	31	1	2	3	
Sprints	AS Sprint 1			RWMS Sprint 2				RWMS S...	RWMS Sp...
> RWMS-3 Check Notification									
> RWMS-4 Check water parameters									
> RWMS-9 Registration Page									
> RWMS-10 Login Page									
+ Create Epic									

Today

Weeks

Months

Quarters

Quickstart

Jira Software

Your work

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All sprints

Epic

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