

Project Planning Phase

Team ID	PNT2022TMID13087
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	Sooriyasekaran J Daniel Nelson J Aravindh S Dhanushram K 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	Sooriyasekaran J Daniel Nelson J Aravindh S Dhanushram K J
Sprint-3	Registration Page	USN-3	As a user, I can register into the appication	20	High	Sooriyasekaran J Daniel Nelson J Aravindh S Dhanushram K J
Sprint-4	Login Page	USN-4	As a user, I can login into the application	20	High	Sooriyasekaran J Daniel Nelson J Aravindh S Dhanushram K J

Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story	Duration	Sprint Start Date	Sprint End Date	Story Points	Sprint Release Date
--------	-------------	----------	-------------------	-----------------	--------------	---------------------

	Points			(Planned)	Completed (as on Planned End 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

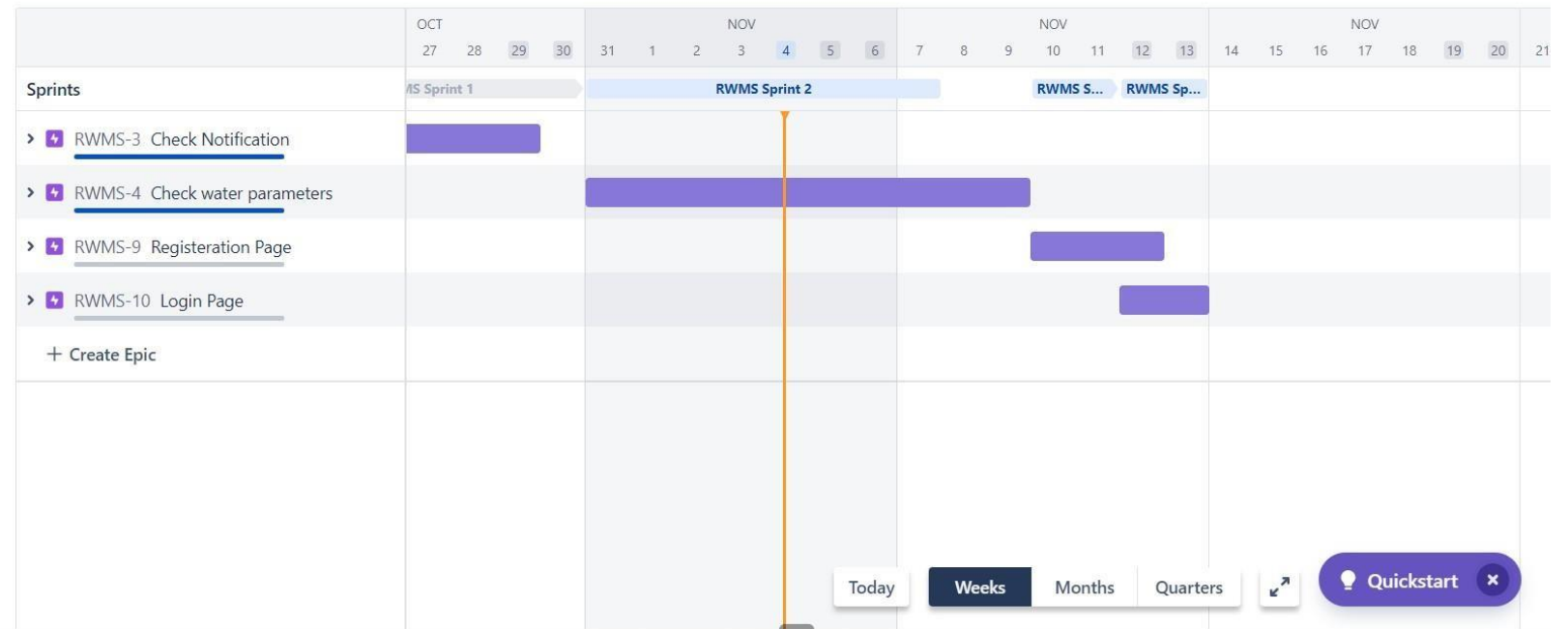
Sprint 3: 1 user story x 20 story points = 20

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

Total = 80

Average Sprint Velocity = $80 / 4 = 20$

JIRA ROAD MAP AND BOARD

 Project settings



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

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

