# Project Planning Phase

| Date | 18 October 2022 |
|---|---|
| Team ID | PNT2022TMID18013 |
| 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 | GOBIKA R M |
| 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 | SIVA SANGEETHA R |
| Sprint-3 | Registration Page | USN-3 | As a user, I can register into the appication | 20 | High | SHERON S |
| Sprint-4 | Login Page | USN-4 | As a user, I can login into the application | 20 | High | SMITHA RAJINI T |

**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**

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Roadmap

Backlog

Board

**DEVELOPMENT**

Code

Project pages

Add shortcut

Project settings

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⚙ View settings

| Sprints | OCT | | | | NOV | | | | | | NOV | | | | NOV | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 27 | 28 | 29 | 30 | 31 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |

Sprints: /IS Sprint 1 · RWMS Sprint 2 · RWMS S... · RWMS Sp...

> RWMS-3  Check Notification

> RWMS-4  Check water parameters

> RWMS-9  Registeration Page

> RWMS-10  Login Page

+ Create Epic

Today    Weeks    Months    Quarters    ⤢

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River Water Monitorin...
Software project

**All sprints**

Complete sprint

**PLANNING**

Roadmap

Backlog

Board

**DEVELOPMENT**

Code

Project pages

Add shortcut

Project settings

Epic ˅    Sprint ˅

GROUP BY  None ˅    Insights

**TO DO 2 ISSUES**

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

REGISTERATION 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** ✓

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