

## Project Planning Phase

|               |   |
|---------------|---|
| Date          | 7 November 2022   |
| Team ID       | PNT2022TMID05141  |
| 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     | Alakarsamy   |
| 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     | Ashok kumar  |
| Sprint-3 | Registration Page             | USN-3             | As a user, I can register into the appication  | 20           | High     | Arun pandi   |
| Sprint-4 | Login Page                    | USN-4             | As a user, I can login into the application  | 20           | High     | aravind      |

### 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 |