

## **Project Planning Phase**

### **Sprint Delivery Plan**

|               |   |
|---------------|---|
| Date          | 25 October 2022   |
| Team ID       | PNT2022TMID15957  |
| Project Name  | Real-Time River Water Quality Monitoring and Control System |
| Maximum Marks | 8 Marks   |

### **Sprint Schedule :**

| <b>Sprint</b> | <b>Functional Requirement (Epic)</b> | <b>Task</b>  | <b>Story Points</b> | <b>Priority</b> | <b>Team Members</b> |
|---------------|--------------------------------------|--|---------------------|-----------------|---------------------|
| Sprint-1      | Registration                         | As a team lead , I can enrolled for the project by entering my email, password and within that I can enter my team members name and their email. | 2                   | High            | Rosini M            |
| Sprint-1      |                                      | As a team lead , I will receive confirmation email once , I have enrolled for the project with team id and along with team members name.         | 2                   | High            | Rosini M            |
| Sprint-2      | Login                                | As a team member, I can login to the IBM portal by entering email & password   | 1                   | Medium          | Pooja shree P S     |
| Sprint-2      |                                      | As a team member, I can login to the IBM portal by entering email & password   | 1                   | Medium          | Poovitha k          |
| Sprint-2      |                                      | As a team member, I can login to the IBM portal by entering email &  | 1                   | Medium          | Pradeepa T          |

|          |  |  |   |        |            |
|----------|--|--|---|--------|------------|
|          |  | password   |   |        |            |
| Sprint-2 |  | As a team member, I can login to the IBM portal by entering email & password | 1 | Medium | Pranikaa V |

### Project Tracker, Velocity & Burndown Chart:

| Sprint   | Total Story Points | Duration | Sprint StartDate | Sprint End Date(Planned) | Story Points Completed (ason Planned End Date) | Sprint Release Date(Actual) |
|----------|--------------------|----------|------------------|--------------------------|--|-----------------------------|
| Sprint-1 | 20                 | 6 Days   | 22 Oct 2022      | 27 Oct 2022              | 20   | 29 Oct 2022                 |
| Sprint-2 | 20                 | 6 Days   | 31 Oct 2022      | 05 Nov 2022              | 30   | 30 Oct 2022                 |
| Sprint-3 | 20                 | 6 Days   | 07 Nov 2022      | 12 Nov 2022              | 49   | 06 Nov 2022                 |
| Sprint-4 | 20                 | 6 Days   | 14 Nov 2022      | 19 Nov 2022              | 50   | 07 Nov 2022                 |

### Velocity:

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

### Burndown Chart:





