# PROJECT PLANNING PHASE

**Sprint Delivery Plan**

|  |  |
| --- | --- |
| DATE | 22 October 2022 |
| PROJECT NAME | Real-Time River Water Quality Monitoring and Control System |
| MAXIMUM MARKS | 8 MARKS |

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

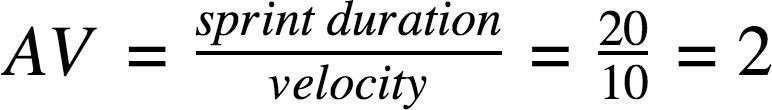
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story/Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint 1 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my  password. | 2 | High | Kavi Arasan |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Mohamed Ashfaque A |
| Sprint-2 |  | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | Sri Charan M |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 |  | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | Dhuvaragesh |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by Entering email & password | 1 | High | Sri Charan M |

Project Tracker, Velocity & Burndown Charts (4 Marks):

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 | 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:**



**Burndown Chart:**

