

## **PROJECT PLANNING PHASE**

### **Sprint Delivery Plan**

DATE	22 October 2022
TEAM ID	PNT2022TMID30534
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

<b>Sprint</b>	<b>Functional Requirement(Epic)</b>	<b>User Story Number</b>	<b>User Story/Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
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	Birunthika.S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Gomathi.B
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Jayalakshmi.S
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Munisha.R

Sprint-1	Login	USN-5	As a user, I can log into the application by Entering email & password	1	High	Gomathi.B
----------	-------	-------	--	---	------	-----------

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

Sprint	Total Story Points	Duration	Sprint StartDate	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:**

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

**Burndown Chart:**

