

## **Project Planning Phase**

### **Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

<b>Date</b>	<b>22 October 2022</b>
<b>Team ID</b>	<b>PNT2022TMID10956</b>
<b>Project Name</b>	<b>IOT Based Real time river water quality monitoring and controlling system</b>
<b>Maximum Marks</b>	<b>8 Marks</b>

#### **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>
<b>Sprint-1</b>	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	DHINAKAR S
<b>Sprint-1</b>	User Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	Medium	DHINAKAR S
<b>Sprint-1</b>	Login	USN-3	As a user, I can log into the application by entering email & password	2	High	DHINAKAR S

<b>Sprint-2</b>	Interface Sensor	USN-1	A sensor interface is a bridge between a device and any attached sensor. The interface takes data collected by the sensor and outputs it to the attached device.	2	High	AJAY B
<b>Sprint-3</b>	Coding (Accessing datasets)	USN-1	Coding is a set of instructions used to manipulate information so that a certain input results in a particular output.	2	High	AJAY B ARUN PRAKASH S JAYASURYA S
<b>Sprint-4</b>	Web Application	USN-1	As a user, I will show the current Information of the River water.	1	Medium	ARUN PRAKASH S JAYASURYA S

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

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint ReleaseDate (Actual)</b>
<b>Sprint-1</b>	20	4 Days	24 Oct 2022	27 Oct 2022	20	29 Oct 2022
<b>Sprint-2</b>	20	5 Days	28 Oct 2022	01 Nov 2022	20	04 Nov 2022
<b>Sprint-3</b>	20	8 Days	02 Nov 2022	09 Nov 2022	20	11 Nov 2022
<b>Sprint-4</b>	20	9 Days	10 Nov 2022	18 Nov 2022	20	19 Nov 2022