

## **PROJECT PLANNING PHASE**

Date	21 October 2022
Team ID	PNT2022TMID50064
Project Name	Hazardous area monitoring for industrial plants powered by IOT
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>
Sprint-1	Installation of beacons	USN-1	First the Admin will be installing smart beacons at necessary places	1	High
Sprint-1	Providing Wearables	USN-1	The Admin will be providing everyone at the Industry a wearable device.		Medium
Sprint-2	Cloud Setup	USN-2	The smart Beacons will connect with the cloud services. Where we can get the real time data from the wearable	1	High

Sprint-3	Online Monitoring via Web	USN-3	Websites will be created and connected with the cloud services.	1	High
<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>
Sprint-4	Monitoring via Mobile	USN-4	Mobile Application will be created and fast sms will be used to alert abnormality to the user.	1	High

### Project Tracker, Velocity & Burndown Chart:

<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 Release Date (Actual)</b>
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	10	29 Oct 2022

Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	10	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	10	19 Nov 2022