

## Project Planning Phase

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

Date	9 November 2022
Team ID	PNT2022TMID00236
Project Name	Project – Project planning phase
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	Hardware	USN-1	Sensors and wi-fi module with python code.	2	High	Arjun Pragadhisraaj, Bharath, Dhevak, Bharathapriyan
Sprint-2	Software	USN-2	IBM Watson IoT platform, Workflows for IoT scenarios using Node-red	2	High	Arjun Pragadhisraaj, Bharath, Dhevak, Bharathapriyan
Sprint-3	MIT app	USN-3	To develop an mobile application using MIT	2	High	Arjun Pragadhisraaj, Bharath, Dhevak, Bharathapriyan

Sprint-4	Web UI	USN-4	To make the user to interact with software.	2	High	Arjun Pragadhisraaj, Bharath, Dhevak, Bharathapriyan
----------	--------	-------	---	---	------	--

**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 Release Date (Actual)</b>
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	20	5 <sup>th</sup> NOV 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 <sup>th</sup> NOV 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	14 <sup>th</sup> NOV 2022

**Velocity:**

AV for sprint 1= Sprint Duration /velocity =12/6=2

AV for sprint 2= Sprint Duration/Velocity=6/6=1

AV for Sprint 3=Sprint Duration/Velocity=6/6=1

AV for Sprint 4=Sprint Duration/Velocity=6/6=1

Burndown Chart:



