

## Project Planning Phase

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

<b>Date</b>	12 NOVEMBER 2022
<b>Team ID</b>	PNT2022TMID33781
<b>Project Name</b>	Project - Personal Assistance for Seniors Who AreSelf Reliant
<b>Maximum Marks</b>	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	IBM Watson IOT platform	USN-1	Creating devices and board and generating data	1	Medium	Kavitha S Vanitha A Nambi Nandhini S Vijaya Diwaharan C
Sprint-2	Storing Data using node-red	USN-2	Storing the data in IBM Cloudant DB through node-red functions	2	High	Kavitha S Vanitha A Nambi Nandhini S Vijaya Diwaharan C
Sprint-3	IoT device/ Microcontroller Board	USN-4	The board connect with the cloud and retrieve the information and remain the peoples	2	Low	Kavitha S Vanitha A Nambi Nandhini S Vijaya Diwaharan C

Sprint-4	Reminder (TTS)	USN-5	Getting the speech reminder to users to take their tablet	1	High	Kavitha S Vanitha A Nambi Nandhini S Vijaya Diwaharan C
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#### Project Tracker, Velocity & Burndown Chart: (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	20	31 Oct 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	07 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	14 Nov 2022

## Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let us calculate the team's average velocity (AV) per iteration unit (story points per day)

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

## Burndown Chart:

