Project Planning Phase

Sprint delivery plan

Product Backlog, Sprint Planning, Stories, Story points

Team leader name	**Keerthana. E**
Team ID	**PNT2022TMID26833**
Project Name	**Project - Personal Assistance for Seniors Who Are SelfReliant**
Maximum Marks	**8 Marks**

Product Backlog, Sprint Schedule, and Estimation

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	IBM Watson IOT platform	USN-1	Creating devices and board and generating data	10	medium	Keerthana. E Kowsalya. N

Sprint-2	Storing Data using node-red	USN-2	Storing the data in IBM Cloudant DB through node-red functions	20	High	Keerthana. E Jayasri. P
Sprint-3	IoT device/ Microcontroller Board	USN-4	The board connect with the cloud and retrieve the information and remain the peoples	20	Low	Sowmiya. S Kowsalya. N
Sprint-4	Reminder (TTS)	USN-5	Getting the speech reminder to users to take their tablet	10	High	Keerthana. E Jayasri. P Kowsalya. N

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Sprint-4	Reminder (TTS)	USN-5	Getting the speech reminder to users to take their tablet	10	High	Keerthana. E Sowmiya. S Jayasri.

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	30 Oct 2022	05 Nov 2022	20	4 nov 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	6 nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	13 nov 2002
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)

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