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

Date	30 October 2022
Team ID	PNT2022TMID35094
Project Name	Project - Personal Assistance for Seniors Who Are SelfReliant
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	IBM Watson IOT platform	USN-1	Creating devices and board and generating data	1	medium	Kingslin Raj, John Tony, Arockia Shijin, Haris Pravinth
Sprint-2	Storing Data using node-red	USN-2	Storing the data in IBM Cloudant DB through node-red functions	2	High	Kingslin Raj, John Tony, Arockia Shijin, Haris Pravinth
Sprint-3	IoT device/ Microcontroller Board	USN-4	The board connect with the cloud and retrieve the information and remain the peoples	2	Low	Kingslin Raj, John Tony, Arockia Shijin, Haris Pravinth
Sprint-4	Reminder (TTS)	USN-5	Getting the speech reminder to users to take their tablet	1	High	Kingslin Raj, John Tony, Arockia Shijin, Haris Pravinth

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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	30 Oct 2022	4 Nov 2022	20	3 Nov 2022
Sprint-2	20	6 Days	5 Nov 2022	10 Nov 2022	20	9 Nov 2022
Sprint-3	20	6 Days	10 Nov 2022	15 Nov 2022	20	14 Nov 2022
Sprint-4	20	6 Days	16 Nov 2022	21 Nov 2022	20	20 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)

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

Burndown Chart:

TO DO 4 ISSUES	IN PROGRESS 1 ISSUE	DONE ✓
Storing Data using node-red Sprint-2 ☑ PAFSWASR-2	**IBM Watson IOT platform** Sprint-1 ☑ PAFSWASR-1	
Frontend in App Sprint-3 ☑ PAFSWASR-3	+ Create issue	
Backend in App Sprint-4 ☑ PAFSWASR-4		
User Login Sprint-5		