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

Date	27-10-2022
Team ID	PNT2022TMID32772
Project name	Personal Assistance For Seniors Who Are Self Reliant

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story points	Priority	Team Members
Sprint 1	Set Alarm	USN-1	As a user, I can set an alarm for alerting to take medicine through Medicine remainder system.	10	High	Nanthini N
Sprint 1		USN-2	As a user, I can Activate and Deactivate the alarm	10	High	Santhiya R
Sprint 2	Voice Assistant	USN-3	As a user once I set the alarm it will alert us voice assistant.	10	High	Nandhini SJ
Sprint 2		USN-4	It will tell us the time and name of the medicine once the time has set.	10	High	Malavika M

Sprint							
Sprint 3	Cloudant DB	USN-6	For storing the details of medicine reminder for which Cloud DB is used	5	low	Nanthini N, Malavika M, Nandhini SJ, Santhiya R
Sprint 3		USN-7	As a user, I can stor the name of th medicine wit timing.	10	High	Malavika M, Santhiya R, Nandhini SJ, Nanthini N
Sprint 4	User Friendly Application	USN-8	Our app will b companian for th senior citizen to consumes the medicines on time.	5	Low	Sandhiya R, Nandhini SJ, Nanthini N, Malavika M
		USN-9	As a user, one need to set the medicine and time as per the instruction given by the user the voice assistan will help to take medicines on time fo senior citizens.	10	High	Nandhini SJ, Malavika M, Nanthini N, Santhiya R

Project Tracker, Velocity & Burn down Chart:

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	8 days	08-10-2022	15-11-2022	20	17-11-2022
Sprint 2	10	8 days	09-11-2022	16-11-2022	10	18-11-2022

Sprint 3	20	8 days	10-11-2022	17-11-2022	20	19-11-2022
Sprint 4	10	8 days	10-11-2022	17-11-2022	10	19-11-2022

Velocity: Let's calculate the team's average velocity (AV) per iteration unit (story points per day).

$$\textbf{AV = Velocity / Sprint Duration}$$
$$\textbf{= 20 / 8}$$
$$\textbf{= 2.5}$$

$$\textbf{AV =10 / 8}$$
$$\textbf{= 1.25}$$

Burn down Chart :