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

Date	11 November 2022
Team ID	PNT2022TMID01111
Project Name	Project -Personal Assistance for Seniors Who Are Self-Reliant
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	Caretaker	USN-1	As a user, I want to take Medicines on time and monitor my health	2	High	Praveen Kumar ,Ramesh P ,Maria Antony B,Prasath V
Sprint-1	Smart medicine box	USN-2	As a user, I want to take my tablets on time by voice command	1	High	Praveen Kumar ,Ramesh P ,Maria Antony B,Prasath V
Sprint-2	Caretaker	USN-3	As a user, my patient needs to take medicines on time and monitoring theactivity	2	Medium	Praveen Kumar ,Ramesh P ,Maria Antony B,Prasath V
Sprint-4	Caretaker	USN-4	As a user, my patient medication time and prescription should loadin database for upcoming week	2	Low	Praveen Kumar ,Ramesh P
Sprint-3	Smart medicine box	USN-5	As a user, I need to take my medicine in nearby places with light notification	1	Medium	Praveen Kumar

Sprint -1	Smart medicine box	USN-6	As a user, I need to take my medicine and I am not able see the dosage of medicine properly	1	High	Ramesh P ,Maria Antony B,Prasath V
Sprint -1	Smart medicine box	USN-7	As a user, Sometimes my medicine aren't in stock and I usually forget the Stock of my medication.	2	Medium	Praveen Kumar,Prasath V

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	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's 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:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.