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

Date	27-10-2022
Project name	Personal Assistant For Seniors Who Are Self Reliant

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requiremen t (Epic)	User Story Numb er	User Story / Task	Story points	Priority	Team Members
Sprint 1	Set Alarm	USN-1	As a user, I can set an alarm to alerting a medicine through medicine remainder system	10	High	Muthuvinoth, Praneeth, Poovarasan, Raja
Sprint 1		USN-2	As a user, I can Activate and Deactivate the alarm	10	High	Muthuvinoth, Praneeth, Poovarasan, Raja
Sprint 2	Notification	USN-3	As a user once I can the set the alarm then I gets the notification	10	High	Muthuvinoth, Praneeth, Poovarasan, Raja
Sprint 2		USN-4	As a user, If I requires this system then a notification will be sent into his device.	10	High	Muthuvinoth, Praneeth, Poovarasan, Raja

Sprint 3	Medication Detail	USN-5	As a user, I have multiple medications each day, I can put each pill in the box for the corresponding day.	10	High	Muthuvinoth, Praneeth, Poovarasan, Raja
Sprirnt 3		USN-6	As a user , between setting alarm and using a pillbox, I'll be able to stay on the top of your medications and not miss a dose.	5	Low	Muthuvinoth, Praneeth, Poovarasan, Raja
Sprint 3		USN-7	As a user ,I can store the name of the medicine with its description.	10	High	Muthuvinoth, Praneeth, Poovarasan, Raja
Sprint 4	GPS Tracking	USN-8	As a user, they can also help large hospitals and their inventory more effectively.	5	Low	Muthuvinoth, Praneeth, Poovarasan, Raja
	Sensor	USN-9	As a user, they used for keeping the record in medicine reminding the schedule of medicine.We have used the IOT enabled arduino device for monitoring the System.	10	High	Muthuvinoth, Praneeth, Poovarasan, Raja

Project Tracker, Velocity & Burndown 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	29-10-2022	5-11-2022	20	4-11-2022
Sprint 2	10	8 days	7-11-2022	14-11-2022	10	13-11-2022
Sprint 3	20	8 days	16-11-2022	23-11-2022	20	23-11-2022
Sprint 4	10	8 days	23-11-2022	30-11-2022	10	30-11-2022

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

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

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

Burndown Chart :