

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

Date	27-10-2022
Team ID	PNT2022TMID24841
Project name	Personal Assistant 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 to alert a medicine using medicine remainder system	10	High	SNEHA
Sprint 1		USN-2	As a user, I can able to Activate and Deactivate the alarm anytime .	10	High	SIVAPOORANI
Sprint 2	Notification	USN-3	As a user once I can set the alarm then I gets the notification when the use is there	10	High	HARINISHREE
Sprint 2		USN-4	As a user, If I requires this system then a notification will be sent into his device.	10	High	MONISHREE

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	SNEHA SIVAPOORANI HARINISHREE MONISHREE
Sprint 3		USN-6	As a user,between setting an alarm and using a pillbox, I'll be able to stay on top of your medicationds and not miss a dose	5	Low	SNEHA SIVAPOORANI HARINISHREE MONISHREE
Sprint 3		USN-7	AS a user , I can store the name of the medicine with its description	10	High	SNEHA SIVAPOORANI HARINISHREE MONISHREE
Sprint 4	GPS Tracking	USN-8	As a user, they can also help large hospitals and clinics Manage their inventory more effectively	5	Low	SNEHA SIVAPOORANI HARINISHREE MONISHREE
	Sensor	UNS-9	As a user ,they used for keeping the record in medicine the schedule of medicine the schedule of medicine .We have used the IOT enabled a enabled Arduino device for monitoring the system.	10	High	SNEHA SIVAPOORANI HARINISHREE MONISHREE

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).

$$\begin{aligned}
 \mathbf{AV} &= \mathbf{Velocity / Sprint Duration} \\
 &= \mathbf{20 / 8}
 \end{aligned}$$

$$= 2.5$$

$$AV = 10 / 8$$

$$= 1.25$$

Burndown Chart :

