

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

Date	27-10-2022
Team ID	PNT2022TMID32584
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 for alerting to take medicine through Medicine remainder system.	10	High	Anushree A
Sprint 1		USN-2	As a user, I can Activate and Deactivate the alarm	10	High	Abirami R
Sprint 2	Voice Assistant	USN-3	As a user once I set the alarm it will alert us voice assistant.	10	High	Chetanappriya KL
Sprint 2		USN-4	It will tell us the time and name of the medicine once the time has set.	10	High	Aiswarya SG

Sprint 3	Cloudant DB	USN-6	For storing the details of medicine reminder for which Cloud DB is used	5	low	Anushree A, Chetanappriya KL, Aiswarya SG, Abirami R
Sprint 3		USN-7	As a user, I can store the name of the medicine with timing.	10	High	Abirami R, Anushree A, Chetanappriya KL, Aiswarya SG
Sprint 4	User Friendly Application	USN-8	Our app will be a companion for the senior citizen to consume the medicines on time.	5	Low	Abirami R, Anushree A, Chetanappriya KL, Aiswarya SG
		USN-9	As a user, one needs to set the medicine and time as per the instruction given by the user the voice assistant will help to take medicines on time for senior citizens.	10	High	Anushree A, Abirami R, Chetanappriya KL, Aiswarya SG

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	02-10-2022	09-11-2022	20	08-11-2022
Sprint 2	10	8 days	05-11-2022	12-11-2022	10	11-11-2022
Sprint 3	20	8 days	07-11-2022	14-11-2022	20	14-11-2022
Sprint 4	10	8 days	10-11-2022	17-11-2022	10	17-11-2022

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

$$\begin{aligned}
 AV &= \text{Velocity} / \text{Sprint Duration} \\
 &= 20 / 8 \\
 &= 2.5
 \end{aligned}$$

$$\begin{aligned}
 AV &= 10 / 8 \\
 &= 1.25
 \end{aligned}$$

Burn down Chart :

