

Project Planning Phase

Sprint Delivery Plan

Team ID	PNT2022TMID31307
Project name	Personal Assistant For Seniors Who Are Self-Reliant
Marks	4 Marks

Team Leader : Brintha D

Team member 1: Keerthana T

Team member 2: Cinehaa M

Team member 3: Maheswari J

Product Backlog, Sprint delivery schedule, and Estimation:

Sprint	Functional Requirement t (Epic)	User Story Number	User Story / Task	Story points	Priority
Sprint 1	Set Alarm	USN-1	As a user, I can set an alarm to alerting a medicine through medicine remainder system	10	High
Sprint 1		USN-2	As a user, I can Activate and Deactivate the alarm	10	High
Sprint 2	Notification	USN-3	As a user once I can the set the alarm then I gets the notification	10	High
Sprint 2		USN-4	As a user, If I require this system then anotification will be sent into his device.	10	High
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

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 medications and not miss a dose.	5	low
Sprint 3		USN-7	As a user, I can store the name of the medicine with its description	10	High
Sprint 4	GPS Tracking	USN-8	As a user, they can also help large hospitals and clinics manage their inventory more effectively	5	Low
Sprint 4	Sensor	USN-9	As a user, they used for keeping the record in medicine details the reminding the schedule of medicine. We have used the IoT enabled Arduino device for monitoring the System.	10	High

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:

