

**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 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 alerting a medicine through medicine remainder system	10	High	S.Ashok Reddy G. Harshavardhan
Sprint 1		USN-2	As a user, I can Activate and Deactivate the alarm	10	High	K.Jithendra Sai
Sprint 2	Notification	USN-3	As a user once I can the set the alarm then I gets the notification	10	High	C.sujith K.Jithendra Sai
Sprint 2		USN-4	As a user, If I requires this system then a notification will be sent into his device.	10	High	S.Ashok Kumar Reddy G. Harshavardhan

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	S.Ashok Kumar Reddy
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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	C. <u>Sujith</u>
Sprint 3		USN-7	As a user, I can store the name of the medicine with its description	10	High	<u>Ashok kumar reddy</u> G. <u>Harshavardhan</u>
Sprint 4	GPS Tracking	UNS-8	As a user, they can also help large hospitals and clinics manage their inventory more effectively.	5	Low	c. <u>Sujith</u>
	Sensor	UNS-9	As a user, they used for keeping the record in medicine details the reminding the schedule of medicine. We have used then IOT enable Arduino device for monitoring the system	10	High	S. <u>Ashok Reddy</u> K. <u>Jithendra Sai</u> C. <u>Sujith</u> G. <u>Harshavardhan</u>

### 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)
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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).

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

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

**Burndown Chart :**

