

**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
TEAM ID	PNT2022TMID43724

**Product Backlog, Sprint Schedule, and Estimation**

Sprint	Functional Requirement t (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	R Siva Vasanth T Chakri
Sprint 1		USN-2	As a user, I can Activate and Deactivate the alarm	10	High	M Narendra Yadav
Sprint 2	Notification	USN-3	As a user once I can the set the alarm then I gets the notification	10	High	K Sai Vinay M Narendra Yadav

Sprint 2		USN-4	As a user, If I requires this system then a notification will be sent into his device.	10	High	R Siva Vasanth T Chakri
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	R Siva Vasanth
Sprint 3	Medication Detail	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	K Sai Vinay
Sprint 3		USN-7	As a user, I can store the name of the medicine with its description	10	High	T Chakri R Siva Vasanth
Sprint 4	GPS Tracking	USN-8	As a <u>user</u> , they can also help large hospitals and clinics and manage their inventory more effectively	5	Low	K Sai Vinay
	Sensor	USN-9	As a user, they used for keeping the record in the medicine details the reminding the schedule of <u>medicine</u> . We have used the IoT enabled Arduino device for monitoring the System.	10	High	R Siva Vasanth M Narendra Yadav T Chakri K Sai Vinay

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
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
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**Project Tracker, Velocity & Burndown Chart:**

Sprint 4	10	8 days	23-11-2022	30-11-2022	10	30-11-2022
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**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 :**

