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

Date	22 October 2022
Team ID	PNT2022TMID03493
Project name	Personal Assistant For Seniors Who Are Self Reliant
Maximum marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement	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	ANITHA A ABINAYA V
Sprint 1		USN-2	As a user, I can Activate and Deactivate the alarm	10	High	ABINAYA V HARI PRIYA V
Sprint 2	Notification	USN-3	As a user once I can the set the alarm then I can gets the notification	10	High	ANITHA A HARI PRIYA V
Sprint 2		USN-4	As a user, If I requires this system then a notification will be sent into his device.	10	High	NIROSHA R ABINAYA V HARI PRIYA V
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	ABINAYA V NIROSHA R

Sprint 3		USN-6	As a user, between setting an alarm and using a pillbox, I will be able to stay on top of your medications and not miss a dose	5	Low	HARI PRIYA V ABINAYA V
Sprint 3		USN-7	As a user, I can store the name of the medicine with its description	10	High	ANITHA A HARI PRIYA V
Sprint 4	GPS Tracking	USN-8	As a user, they can also help large hospitals and clinics manage their inventory more effectively	5	Low	ANITHA A ABINAYA V
	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	ANITHA A ABINAYA VNIROSHA R

Project Tracker, Velocity & Burndown Chart: (4 Marks)

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	24-10-2022	29-10-2022	20	29-10-2022
Sprint 2	10	8 days	31-11-2022	05-11-2022	10	05-11-2022

Sprint 3	20	8 days	07-11-2022	12-11-2022	20		12-11-2022
Sprint 4	10	8 days	14-11-2022	19-11-2022	10		19-11-2022

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

$$AV = Velocity / Sprint\ Duration$$
$$= 20 / 8$$

$$= \mathbf{2.5}$$
$$AV = 10 / 8$$
$$= 1.25$$