

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

|               |   |
|---------------|---|
| Date          | 25 October 2022                                     |
| Team ID       | PNT2022TMID47535                                    |
| Project Name  | Personal Assistant For Seniors Who Are Self Reliant |
| Maximum Marks | 8 Marks   |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

| 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     | Vishali, Iswarya, snega, pandiselvi |
| Sprint-1 |                               | USN-2             | As a user, I can Activate and Deactivate the alarm   | 10           | High     | Vishali, Iswarya, snega, pandiselvi |
| Sprint-2 | Notification                  | USN-3             | As a user once I can the set the alarm then I gets the notification  | 10           | High     | Vishali, Iswarya, snega, pandiselvi |
| Sprint-2 |                               | USN-4             | As a user, If I requires this system then a notification will be sent into his device.   | 10           | High     | Vishali, Iswarya, snega, pandiselvi |
| 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     | Vishali, Iswarya, snega, pandiselvi |
| 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      | Vishali, Iswarya, snega, pandiselvi |
| Sprint-3 |                               | USN-7             | As a user, I can store the name of the medicine with its description   | 10           | High     | Vishali, Iswarya, snega, pandiselvi |
| Sprint-4 | GPS Tracking                  | USN-8             | As a user, they can also help large hospitals and clinics manage their inventory more effectively  | 5            | Low      | Vishali, Iswarya, snega, pandiselvi |
|          | 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     | Vishali, Iswarya, snega, pandiselvi |

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) |
|----------|--------------------|----------|-------------------|---------------------------|---|------------------------------|
| 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).

$$AV = \text{Velocity} / \text{Sprint Duration}$$

$$= 20 / 8$$

$$= 2.5$$

$$AV = 10 / 8$$

$$= 1.25$$

#### Burndown Chart :

