**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 17 NOVEMBER 2022 |
| Team ID | PNT2022TMID48112 |
| Project name | Personal Assistant For Seniors Who Are Self Reliant |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requiremen t**  **(Epic)** | **User Story Numb er** | **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 | Sehjal.V Shamini.J |
|  |  |  |  |  | Sowmiya Pragash |
|  |  |  |  |  | Sneka.S |
| Sprint 1 |  | USN-2 | As a user, I can Activate and Deactivate the alarm | 10 | High | Sehjal.V Shamini.J Sowmiya Pragash |
|  |  |  |  |  | Sneka.S |
| Sprint 2 | Notification | USN-3 | As a user once I can the set the alarm then I gets the notification | 10 | High | Sehjal.V Shamini.J Sowmiya Pragash |
|  |  |  |  |  |  | Sneka.S |
| Sprint 2 |  | USN-4 | As a user, If I requires this system then a notification will be sent into his device. | 10 | High | Sehjal.V Shamini.J |
|  |  |  |  | Sowmiya Pragash |
|  |  |  |  | Sneka.S |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint 3 | Medication Detail | USN-5 | As a user, I have multiple medications | 10 | High | Sehjal.V |
|  |  |  | each day, I can put |  |  | Shamini.J |
|  |  |  | each pill in the box for |  |  | Sowmiya Pragash |
|  |  |  | the corresponding day. |  |  | Sneka.S |
| 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 | Sehjal.V Shamini.J Sowmiya Pragash Sneka.S |
| Sprint 3 |  | USN-7 | As a user, I can store the name of the medicine with its description | 10 | High | Sehjal.V Shamini.J Sowmiya Pragash Sneka.S |
| Sprint 4 | GPS Tracking | USN-8 | As a user, they can also help large hospitals and clinics manage their inventory more  effectively | 5 | Low | Sehjal.V Shamini.J Sowmiya Pragash Sneka.S |
|  | 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 | Sehjal.V Shamini.J Sowmiya Pragash Sneka.S |

**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 = Velocity / Sprint Duration**

**= 20 / 8 = 2.5**

**AV =10 / 8**

**= 1.25**

**Burndown Chart :**