**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 30-10-2022 |
| Team ID | PNT2022TMID31048 |
| Project name | Personal Assistant for Seniors Who Are Self Reliant |

Product Backlog, Sprint Schedule, and Estimation

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (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 | Dinesh G |
| Sprint 1 |  | USN-2 | As a user, I can Activate and Deactivate the alarm | 10 | High | Priyadharshan R.R |
| Sprint 2 | Notification | USN-3 | As a user once I can the set the alarm then I gets the notification | 10 | High | Nandakumar P |
| Sprint 2 |  | USN-4 | As a user, If I requires this system then a notification will be sent  into his device. | 10 | High | Deepanraj P |
| 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 | Dinesh G |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | | Dinesh G  Priyadharshan RR  Nandakumar P  Deepanraj P | |  |
| Sprint 3 |  | USN-7 | As a user, I can store the name of the medicine with its  description | | 10 | | High | | Dinesh G  Priyadharshan RR  Nandakumar P | |
| Sprint 4 | GPS  Tracking | USN-8 | As a user, they can also help large hospitals and clinics manage their inventory more effectively | | 5 | | Low | | Dinesh G  Priyadharshan RR  Nandakumar P  Deepanraj P | |
|  | 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 | | Dinesh G  Priyadharshan RR  Nandakumar P  Deepanraj P | |

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 :



**25**

300

**20**

250

200

**15**

150

**10**

100

**5**

50

**0**

0

**Start** **Week 1**

**Week 2**

Days

**Week 3**

**Week 4**

Remaining Effort

Ideal Burndown