**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 18-OCT-2022 |
| Team ID | PNT2022TMID50986 |
| 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 | V.MUTHULAKSHMI |
| Sprint 1 | Login | USN-2 | As a user I will receive confirmation email once I have registered for the application | 10 | High | S.PREETHY |
| Sprint 2 | Notification | USN-3 | As a user once I can the set the alarm then I gets the notification | 10 | High | M.SABINA |
| Sprint 2 |  | USN-4 | As a user, If I requires this system then a notification will be sent into his device. | 10 | High | J.SRISNEHA |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 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 | | V.MUTHULAKSHMI |
| 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 dose | 5 | | Low | | V.MUTHULAKSHMI  S.PREETHY  M.SABINA  J.SRISNEHA | |
| Sprint 3 | |  | USN- 7 | | As a user I can store the name of the medicine with its description | 10 | | High | | v.muthulakshmi  s.preethy  m.sabina  j.srisneha | |
| Sprint 4 | | GPS  Tracking | USN - 8 | | As a user they can also help large hospitals and clinics manage their inventory more effectively. | 5 | | Low | | v.muthulakshmi  s.preethy  m.sabina  j.srisneha | |
|  | | Sensor | USN - 9 | | As a user they used for keeping the record in medicine details reminding the schedule of medicine.5 | 10 | | High | | v.muthulakshmi  s.preethy  m.sabina  j.srisneha | |

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 | 6 days | 24-10-2022 | 29-10-2022 | 20 | 29-10-2022 |
| Sprint 2 | 10 | 6 days | 31-10-2022 | 05-11-2022 | 10 | 05-11-2022 |
| Sprint 3 | 20 | 6 days | 07-11-2022 | 12-11-2022 | 20 | 12-11-2022 |
| Sprint 4 | 10 | 6 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**

# = 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