Project Planning Phase

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

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| --- | --- |
| Date | 27-10-2022 |
| Team ID | PNT2022TMID41860 |
| 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-I | As a user, I can set an alarm to alerting a medicine through medicine remainder system | | 10 | | High | | Pragashini G  Pushpa S  Monigasri M  Priya V | |
| Sprint 1 |  | | | USN-2 | As a user, I can Activate and Deactivate the alarm | | 10 | | High | | Pragashini G  pushpa S  monigasri M  Priya V | |
| Sprint 2 | Notification | | | USN-3 | As a user once I can the set the alarm then I gets the notification | | 10 | | High | | Pragashini G  Pushpa S  Priya V  Monigasri M | |
| Sprint 2 |  | | | USN-4 | As a user, If I requires this system then a notification will be sent into his device. | | 10 | | High | | Pragashini G  Priya V  Pushpa S  Monigasri M | |
| Sprint 3 | Medication Detail | | | USN-5 | As a user, I have multiple medications each day, can put each pill in the box for the corresponding day. | | 10 | | High | | Pragashini G  Pushpa S  Priya V  Monigasri M | |
| 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 | | Pragashini G  Pushpa S  Priya V  Monigasri M | | |
| Sprint 3 | |  | USN-7 | | | As a user, I can store the name of the medicine with its description | | 10 | | High |  | Pragashini G  Priya V  Pushpa S  Monigasri M | |
| Sprint 4 | | GPS  Tracking | USN-8 | | | As a user, they can also help large hospitals and clinics manage their inventory more effectively | | 5 | | Low |  | Pragashini G  Pushpa S  Priya V  Monigasri M | |
|  | | Sensor | USN-9 | | | As a user ,they used fo keeping the record in medicine details the reminding the schedule o medicine. We have used the 10T enabled Arduino device for monitoring the System. | | 10 | | High |  | Pushpa S  Pragashini G  Priya V  Monigasri M | |

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  20  15  10  5 | Start Week 1 Week 2 Week 3 Week 4  Days  Remaining Effort Ideal Burndown | 300  250  200  150  100  50  0 |