

SPRINT DELIVERY PLAN

PROJECT PLANNING TEMPLATE (PRODUCT BACKLOG, SPRINT PLANNING, STORIES, STORY POINTS)

| | |
|--------------|-----------------------------------------------------|
| Date | 03-11-2022 |
| Team ID | PNT2022TMID21781 |
| Project name | Personal Assistant For Seniors Who Are Self Reliant |

Product Backlog, Sprint Schedule, and Estimation

| 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 | Krishnarajan, kartick |
| Sprint 1 | | USN-2 | As a user, I can Activate and Deactivate the alarm | 10 | High | Nirmal, navinn kumar |
| Sprint 2 | Notification | USN-3 | As a user once I can the set the alarm then I gets the notification | 10 | High | Krishna rajan |
| Sprint 2 | | USN-4 | As a user, If I requires this system then a notification will be sent into his device. | 10 | High | Krishna rajan |

| | | | | | | |
|----------|-------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|---------------------------------------------|
| 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 | kartick |
| 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 | Krishna rajan, kartick, nirmal, navinnkumar |
| Sprint 3 | | USN-7 | As a user, I can store the name of the medicine with its description | 10 | High | Navinnkumar, nirmal, kartick, |
| Sprint 4 | GPS Tracking | USN-8 | As a user, they can also help large hospitals and clinics manage their inventory more effectively | 5 | Low | Krishnarajan, karthick |
| | 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 | Navinn kumar, nirmal |

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).

$$\begin{aligned}
 AV &= \text{Velocity} / \text{Sprint Duration} \\
 &= 20 / 8 \\
 &= 2.5
 \end{aligned}$$

$$\begin{aligned}
 AV &= 10 / 8 \\
 &= 1.25
 \end{aligned}$$

Burndown Chart :

