

Project Planning Phase

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

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|--------------|---|
| Date | 1 November 2022 |
| Team ID | PNT2022TMID20623 |
| Project Name | Project – Personal Assistance for Seniors who are Self-Reliant. |

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|----------|-------------------------------|-------------------|---|--------------|----------|--|
| Sprint-1 | CUSTOMER REGISTRATION | USN-1 | As a User, I can register for the application by entering my mail, password and confirming my password. | 3 | High | Vishnu S & Sri Prasanth V |
| Sprint-2 | AUTHORIZATION | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 2 | Medium | Sudhan Roshan Y & Sukhesh S |
| Sprint-3 | USER INTERFACE | USN-3 | Using Mobile application it is easy receive an alert when the medicine is missed to take and also giving correct medicines at correct time. | 3 | High | Sukhesh S & Sudhan Roshan |
| Sprint-4 | SYSTEM DESIGN | USN-4 | Uses cloud database to store medicinal reports. Connecting API to the cloud and mobile application. Connecting an IOT device to the cloud. | 3 | High | Vishnu S, Sri Prasanth V, Sukhesh S, Sudhan Roshan Y |

Project Tracker & Velocity : (4 Marks)

| 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 | 15 | 5 Days | 24 Oct 2022 | 28 Oct 2022 | 15 | 28 Oct 2022 |
| Sprint-2 | 10 | 4 Days | 29 Oct 2022 | 01 Nov 2022 | 10 | 01 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 02 Nov 2022 | 07 Nov 2022 | 20 | 07 Nov 2022 |
| Sprint-4 | 25 | 10 Days | 08 Nov 2022 | 17 Nov 2022 | 25 | 17 Nov 2022 |

Velocity:

Sprint 1 average velocity:

$$\text{Average velocity} = 15 / 5 = 3$$

Sprint 2 average velocity:

$$\text{Average velocity} = 10 / 4 = 2.5$$

Sprint 3 average velocity:

$$\text{Average velocity} = 20 / 6 = 3.3$$

Sprint 4 average velocity:

$$\text{Average velocity} = 25 / 10 = 2.5$$

