**Project Planning Phase**

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

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| --- | --- |
| Team ID | PNT2022TMID10050 |
| Project Name | Project – Personal Assistance for Seniors who are Self-Reliant. |
| Maximum Marks | 8 Marks |

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

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| --- | --- | --- | --- | --- | --- | --- |
| **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 | Sujeeth &vishwa |
| Sprint-2 | AUTHORIZATION | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 2 | Medium | Rishieshgovind&sivasuriya |
| 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 | Vishwa &sujeeth&sivasuriyam |
| 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 | Sujeeth&rishikesh |

**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:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint).

Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day).

**AV = sprint duration/velocity = 20/10 = 2**