Project Planning Phase

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

|  |  |
| --- | --- |
| Date | 25 October 2022 |
| Team ID | PNT2022TMID33439 |
| Project Name | Project - Personal Assistance for Seniors Who AreSelf- Reliant |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | IBM Watson IOT platform | USN-1 | Creating devices and board and generatingdata | 1 | medium | Prasanth G Nagarajan K Suresh R Masanam M |
| Sprint-2 | Storing Data using node-red | USN-2 | Storing the data in IBM Cloudant DB through node-red functions | 2 | High | Prasanth G Nagarajan K Suresh R Masanam M |
| Sprint-3 | IoT device/ Microcontroller Board | USN-4 | The board connect with the cloud and retrieve the information and remain the peoples | 2 | Low | Prasanth G Nagarajan K Suresh R Masanam M |
| Sprint-4 | Reminder (TTS) | USN-5 | Getting the speech reminder to users to taketheir tablet | 1 | High | Prasanth G Nagarajan K Suresh R Masanam M |

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | IBM Watson IOT platform | USN-1 | Creating devices and board and generatingdata | 1 | medium | Prasanth G Nagarajan K Suresh R Masanam M |
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# Project Tracker, Velocity & Burndown Chart: (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 | 20 | 6 Days | 19 Oct 2022 | 25 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 30 Oct 2022 | 04 Nov 2022 | 20 | 31 Oct 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 07 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 13 Nov 2022 | 18 Nov 2022 | 20 | 14 Nov 2022 |

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let us calculate the team’s average velocity (AV) per iteration unit (story points per day)

