Project Planning Phase

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

|  |  |
| --- | --- |
| Date | 26 October 2022 |
| Team ID | PNT2022TMID17729 |
| Project Name | Project – Personal Assistance for Seniors Who Are Self-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 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 3 | High | Sathish. S  Sasikumar. S  Santhosh Kumar. R  S. Mohit |
| Sprint-1 | Registration via Facebook | USN-2 | As a user, I can register for the application through Facebook | 3 | High | Sathish. S  Santhosh Kumar. R  S. Mohit |
| Sprint-1 | Registration via Gmail | USN-3 | As a user, I can register for the application through Gmail | 3 | High | Sathish. S  Sasikumar. S  Santhosh Kumar. R |
| Sprint-1 | Login | USN-4 | As a user, I can log into the application by entering email & password | 1 | Low | Sathish. S  Sasikumar. S  S. Mohit |
| Sprint-2 | IBM cloud service | USN-5 | Get access to IBM cloud services | 3 | High | Sathish. S |

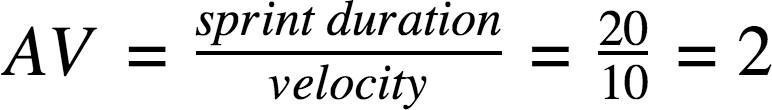
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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-2 | Create IBM Watson and device settings | USN-6 | To create the IBM Watson IOT platform and Integrate the microcontroller with it to send sensed data to cloud | 3 | High | Sathish. S |
| Sprint-2 | Create node red service | USN-7 | To create a node red service to integrate the IBM Watson along with Web UI | 3 | High | Sathish. S  Sasikumar. S  Santhosh Kumar. R  S. Mohit |
| Sprint-3 | Create Web UI | USN-8 | To create Web UI for Admin Page to store Prescriptions along hospital side. | 3 | High | Sathish. S  Sasikumar. S  Santhosh Kumar. R  S. Mohit |
| Sprint-3 | Text to speech | USN-9 | Integrating Text to Speech in the application or web application in the user end. | 3 | High | Sathish. S  Sasikumar. S  Santhosh Kumar. R  S. Mohit |
| Sprint-4 | A remainder to the TTS services | USN-10 | The admin or hospital management send the alert message to the user and their guardian (family member) when the user did not consume pills on concern time. | 3 | High | Sathish. S  Sasikumar. S  Santhosh Kumar. R  S. Mohit |
| Sprint-4 | Alert Message | USN-11 | The admin or hospital management send the alert message to the user and their guardian (family member) when the user did not consume pills on concern time. | 3 | High | Sathish. S  Sasikumar. S  S. Mohit |
| Sprint-4 | Testing | USN-12 | Testing of project and final deliverables | 3 | High | Sathish. S  Sasikumar. S  Santhosh Kumar. R  S. Mohit |

# 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 | 10 | 6 Days | 24 Oct 2022 | 29 Oct 2022 | 10 | 29 Oct 2022 |
| Sprint-2 | 10 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 10 | 05 Nov 2022 |
| Sprint-3 | 10 | 8 Days | 07 Nov 2022 | 12 Nov 2022 | 10 | 12 Nov 2022 |
| Sprint-4 | 10 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 10 | 19 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)



# Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile [software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies suchas [Scrum.](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/) However, burn down charts can be applied to any project containing measurable progress over time

