**Project Planning Phase**

**Milestone and Activity List**

|  |  |
| --- | --- |
| Date | 12 NOVEMBER 2022 |
| Team ID | PNT2022TMID48758 |
| Project Name | Project – AI-Powered Nutrition Analyzer and Fitness Enthusiasts |
| Maximum Marks | 8 Marks |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total story point** | **Duration** | **Sprint start Date** | **Sprint End date** | **Story points completed** | **Story release date** |
| Sprint-1 | 2 | 6 Days | 24 October 2022 | 29 October 2022 | 2 | 24 October  2022 |
| Sprint-2 | 2 | 6 Days | 31 October 2022 | 05 October 2022 | 2 | 5 October  2022 |
| Sprint-3 | 2 | 6 Days | 7 Nov 2022 | 12 November 2022 | 2 | 12 Nov  2022 |

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

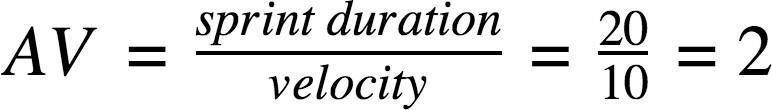
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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement** | **User story**  **Number** | **User story/stack** | **Story**  **Point** | **Priority** | **Team**  **Members** |
| Sprint-1 | Registration | USN-1 | User can register for the application by entering user name and entering a strong password. | 2 | High | Bhuvaneswari.M |
| Sprint-1 | Login | USN-2 | User can login to the application by entering user  name and password | 2 | High | Bhuvaneswari.M |
| Sprint-2 | Upload images of  digital  document | USN-3 | User can input the food images into the application’s document | 1 | Moderate | Priyadharshini.N |
| Sprint-2 | Prediction | USN-4 | User can predict the image | 1 | Moderate | Narmatha.M |
| Sprint-3 | Upload the food images dataset | USN-5 | User can input the food of their choice that they want to know about | 1 | High | Narmatha.M |
| Sprint-3 | Recognize  food | USN-6 | User can choose their food type | 1 | Moderate | Keshavapriya.M |
| Sprint-4 | Recognize food type | USN-7 | User can recognize their selected food in the output | 2 | High | Bhuvaneswari.M |

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sprint-4 | 2 | 6 Days | 7 Nov 2022 | 19 November 2022 | 2 | 19  2022 | Nov |

**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 me](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/)thodologies such as [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.

