# Project Planning Phase

# Milestone and Activity List

|  |  |
| --- | --- |
| Date | 22 October 2022 |
| Team ID | PNT2022TMID39958 |
| Project Name | Project –Nutrition Analyzer for fitness Enthusiastic |
| Maximum Marks | 8 Marks |

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

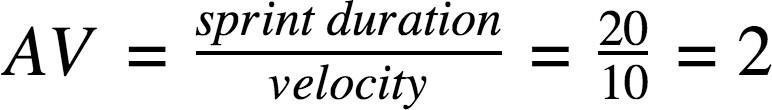
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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement** | **User story Number** | **User story/stack** | **Story Point** | **Priority** | **Team Members** |
| Sprint-1 | Registration | USN-1 | User can register for the application by entering user name and entering a strong password. | 2 | High | Jannani K |
| Sprint-1 | Login | USN-2 | User can login to the application by entering user name and password | 2 | High | Aswini G |
| Sprint-2 | Upload images of digital document | USN-3 | User can input the food images into the application’s document | 1 | Moderate | Ragavi Y |
| Sprint-2 | Prediction | USN-4 | User can predict the image | 1 | Moderate | Sneha P |
| Sprint-3 | Upload the fruit images dataset | USN-5 | User can input the fruit of their choice that they want to know about | 1 | Moderate | Jannani K |
| Sprint-3 | Recognize fruit | USN-6 | User can choose their fruit type | 1 | Moderate | Aswini G |
| Sprint-4 | Recognize Fruit type | USN-7 | User can recognize their selected fruit in the output, and recognize it and its benefits | 2 | High | Ragavi Y |
| Sprint-4 | Recognize fruit colour | USN-8 | User can recognize the fruit colour in the dataset and differentiate it with others | 2 | High | Sneha P |

**Project Tracker, Velocity & Burndown Chart: (4 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 |
| Sprint-4 | 2 | 6 Days | 7 Nov 2022 | 19 November 2022 | 2 | 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 m](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/)ethodologies 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.

