Project Planning Phase

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

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| --- | --- |
| Date | 10 November 2022 |
| Team ID | IBM-Project-33357-1660219136 |
| Project Name | Project - Nutrition assistant Application |
| Maximum Marks | 8 Marks |

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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. | 2 | High | 2 |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once  I have registered for the application | 1 | High | 2 |
| Sprint-2 |  | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | 2 |
| Sprint-1 |  | USN-4 | As a user, I can register for the application  through Gmail | 2 | Medium | 2 |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | 2 |
| Sprint-1 | Dashboard | USN-6 | As a user, I can upload or capture the food  image using camera | 1 | High | 2 |
| Sprint-1 | Profile | USN-7 | As a user, I can give my diet details | 1 | High | 2 |
| Sprint-2 | Dashboard | USN-8 | As a user, I can allow app to use my diet details  to recommend nutrition diets | 1 | Medium | 2 |
| Sprint-2 | Application | USN-9 | As a customer care executive, I can access customer’s information and to solve their queries and issues | 2 | Medium | 4 |
| Sprint-1 | Application | USN-10 | As an administrator, I can manage and validate  the customer’s information | 1 | High | 2 |
| Sprint-2 |  | USN-11 | As an administrator, I can release updated versions of this application |  | Medium |  |

**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 | 24 Oct 2022 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 01 Nov 2022 | 06 Nov 2022 | 20 | 07 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 09 Nov 2022 | 14 Nov 2022 | 20 | 15 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 17 Nov 2022 | 22 Nov 2022 | 20 | 23 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 burndown 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 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.

