# Project Planning Phase

**AI-powered Nutrition Analyzer for Fitness Enthusiasts**

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

|  |  |
| --- | --- |
| Date | 29 October 2022 |
| Team ID | PNT2022TMID50938 |
| Project Name | Project - AI-powered Nutrition Analyzer for  Fitness Enthusiasts |
| 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. | 5 | High | Maniraj |
| Sprint-2 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 4 | High | Aswin arunraj |
| Sprint-1 |  | USN-3 | As a user, I can register for the application through Gmail | 5 | Medium | Immanuel augustin  arunachalam |
| Sprint-1 | Login | USN-4 | As a user, I can log into the application by entering email & password | 5 | High | Maniraj arunachalam |
| Sprint-1 | Dashboard | USN-5 | As a user I can access the dashboard able to see options to view contents chart, select diet plans, and exercise | 5 | High | Aswin maniraj arunachalam |
| Sprint-2 |  | USN-6 | As a user I can see my profile | 4 | Medium | Immanuel augustin |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-3 |  | USN-7 | As a user I can update my profile | 3 | Low | aswin |
| Sprint-2 |  | USN-8 | As a user I can change my password | 4 | Medium | arunraj |
| Sprint-1 | Service Request | USN-9 | As a user I can request to display nutrition content of food items | 5 | High | Immanuel augustin |
| Sprint-2 |  | USN-10 | As a user I can request to suggest a diet plan according to my medical details | 4 | High | Maniraj arunachalam |
| Sprint-2 |  | USN-11 | As a user I can request to suggest exercise routines according to my medical details | 4 | Medium | Arunraj Immanuel augustin |
| Sprint-3 | Notification | USN-12 | track the status of diet targets through a dashboard or email services | 3 | Low | arunachalam |
| Sprint-3 |  | USN-13 | As a user get an email about revised exercise routines based on recent records. | 3 | Medium | Arunraj maniraj |
| Sprint-1 |  | USN-14 | A user noticed after successfully achieved the target workout | 5 | High | Aswin |
| Sprint-3 |  | USN-15 | Upload Progress Reports | 3 | Low | Immanuel augustin |
| Sprint-4 |  | USN-16 | Making UI more interactive | 2 | Low | Arun raj |
| Sprint-2 |  | USN-17 | As a user I give feedback | 4 | High | maniraj |

## 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 | 31 Oct 2022 | 05 Nov 2022 | 20 |  |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 |  |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**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)

