**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 31 October 2022 |
| Team ID | PNT2022TMID22082 |
| Project Name | Project – Nutrition Assistant Application |
| Maximum Marks | 8 Marks |

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

Use the below template to create a 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 | I can sign up for the application as a user by providing my name, gender, age, email, password, and password confirmation. | 1 | High | Diksha |
| Sprint-1 |  | USN-2 | When I register for the application as a user, I will get a confirmation email. | 1 | High | Amuthini |
| Sprint-1 | Profile Updation | USN-3 | I have to input my height, weight, and daily activity information as a user. | 2 | High | Jeevitha |
| Sprint-1 | Login | USN-4 | I can access the application as a user by providing my email address and password. | 2 | High | Keerthana |
| Sprint-2 | Dashboard | USN-5 | I can upload an image of the food as a user. | 3 | High | Diksha |
| Sprint-2 |  | USN-6 | I can monitor my daily calorie intake as a user. | 3 | Medium | Amuthini |
| Sprint-3 | Database | USN-7 | Connection to the database for keeping user details current | 5 | Medium | Jeevitha |
| Sprint-4 | API Integration | USN-8 | I may access the meal's nutritional information as a user. | 3 | High | Keerthana |
| Sprint-4 | Containerizing | USN-9 | Putting the application in containers | 3 | High | Diksha  Amuthini  Jeevitha  Keerthana |

**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 | 6 | 6 Days | 26 Oct 2022 | 01 Nov 2022 | 6 | 01 Nov 2022 |
| Sprint-2 | 6 | 6 Days | 02 Nov 2022 | 07 Nov 2022 | 6 | 07 Nov 2022 |
| Sprint-3 | 5 | 6 Days | 08 Nov 2022 | 13 Nov 2022 | 5 | 13 Nov 2022 |
| Sprint-4 | 6 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 6 | 19 Nov 2022 |

**Velocity:**

We have a 6-day sprint duration, and the velocity of the team is 6 (points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day)

**AV** = 𝑆𝑝𝑟𝑖𝑛𝑡 𝑑𝑢𝑟𝑎𝑡𝑖𝑜

Velocity

= 6/6

= 1