**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 28 October 2022 |
| Team ID | PNT2022TMID06816 |
| Project Name | Project – Nutrition Assistant Application |
| 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 name, gender, age, email, password and confirming my password. | 1 | High | sudharsanam |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | rajadurai |
| Sprint-1 | Profile Updation | USN-3 | As a user, I have to enter my height, weight and daily activity details | 2 | High | Vignesh Balaji |
| Sprint-1 | Login | USN-4 | As a user, I can log into the application by entering email & password | 2 | High | mukesh |
| Sprint-2 | Dashboard | USN-5 | As a user, I can upload image of the meal | 3 | High | sudharsanam |
| Sprint-2 |  | USN-6 | As a user, I can track my daily calorie intake | 3 | Medium | rajadurai |
| Sprint-3 | Database | USN-7 | Connection to the database for maintaining the user detalis | 5 | Medium | Vignesh Balaji |
| Sprint-4 | API Integration | USN-8 | As a user, I can get nutritional value of the uploaded meal image | 3 | High | mukesh |
| Sprint-4 | Containerizing | USN-9 | Containerizing the application | 3 | High | Sudharsanam  rajadurai  vignesh balaji  mukesh |

## 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 | 24 Oct 2022 | 29 Oct 2022 | 6 | 29 Oct 2022 |
| Sprint-2 | 6 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 6 | 05 Nov 2022 |
| Sprint-3 | 5 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 5 | 12 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 𝑑𝑢𝑟𝑎𝑡𝑖𝑜𝑛

𝑉𝑒𝑙𝑜𝑐𝑖𝑡𝑦

6

# =

6

# = 1