**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID36311 |
| Project Name | Nutrition Assistant Application |
| Maximum 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 | User Panel | USN-1 | The user will login into the website and go through the products available on the website. | 20 | High | Fadal Razin S  Fauwaaz Ashaal  Basheer Ahmed  Hyder Ali |
| Sprint-2 | Admin Panel | USN-2 | The role of the admin is to check out the database about the stock and have a truck of all the things that the users are purchasing. | 20 | High | Fadal Razin S  Fauwaaz Ashaal  Basheer Ahmed  Hyder Ali |
| Sprint-3 | Chat Bot | USN-3 | The user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the user | 20 | High | Fadal Razin S  Fauwaaz Ashaal  Basheer Ahmed  Hyder Ali |
| Sprint-4 | Final Delivery | USN-4 | Container of applications using docker  Kubernetes and development the application. Create the documentation and final submit the application | 20 | High | Fadal Razin S  Fauwaaz Ashaal  Basheer Ahmed  Hyder Ali |

**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 | 05 NOV 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 NOV 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 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)



