**Project** **Planning** **Phase**

**Project** **Planning** **(Product** **Backlog,** **Sprint** **Planning,** **Stor** **ies,** **Story** **points)**

|  |  |
| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID50454 |
| Project Name | 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 | User Panel | USN- 1 | The user will login into the website and go  through the products available on the  website. | 20 | High | Pooja P  Thilagavathi N  Sivatharani N  Maharaja T |
| 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 | Pooja P  Thilagavathi N  Sivatharani N  Maharaja T |
| 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 | Pooja P  Thilagavathi N  Sivatharani N  Maharaja T |
| 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 | Pooja P  Thilagavathi N  Sivatharani N  Maharaja T |

**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:**

I magine 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)



