**Project Planning Phase**

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)**

|  |  |
| --- | --- |
| Date | 06 November 2022 |
| Team ID | PNT2022TMID22082 |
| Project Name | Nutrition Assistant Application using Cloud Computing |
| Maximum Marks | 8 Marks |

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

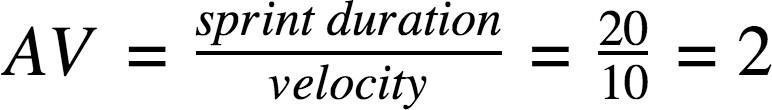
Use the below template to create a product backlog and sprint schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | User Panel | USN-1 | The user logs on, enters his height and weight, and furthermore uploads the food he intends to consume online. | 20 | High | Diksha  Amuthini  Jeevitha  Keerthan |
| Sprint-2 | Admin Panel | USN-2 | The admin utilizes the Nutrition API to determine how much nutrition is in the food and the Clarifai API to identify the food. | 20 | High | Diksha  Amuthini  Jeevitha  Keerthana |
| Sprint-3 | Chat Bot | USN-3 | The chatbot on the website also allows users to ask inquiries directly. | 20 | High | Diksha  Amuthini  Jeevitha  Keerthana |
| Sprint-4 | Final Delivery | USN-4 | Connect the application to the cloud using Kubernetes and Docker. submit the final application report. | 20 | 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 | 20 | 6 Days | 26 Oct 2022 | 30 Oct 2022 |  | 30 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 06 Nov 2022 |  | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 |  | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 |  | 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)

