**Project Planning Phase**

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

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| --- | --- |
| Date | 18 October 2022 |
| Team ID | PNT2022TMID43156 |
| 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,Interf Interface of web application | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 2 | High | Lisha S  Sivakami.S |
| Sprint-2 | Connect and stores the user data into the cloud database | USN-2 | As a user, I will receive confirmation email once I have registered for the application and stores the user information into the cloud database. | 1 | High | Narmatha.S  Abila  Keerthi malini |
| Sprint-3 | Web application connect with object storage | USN-3 | As a user, I can register for the application through any web application. | 2 | Low | Lisha  Keerthi malini  Abila |
| Sprint-4 | Integrate all the technologies in the application | USN-4 | As a user, I can communicate with the nutritionist according to my requirements. | 2 | Medium | Narmatha  Sivakami  Lisha  Keerthi malini  Abila |
| Testing Phase | Analysing the bugs | USN-5 | As a developer,Analyse the user queries in the application. | 1 | High | Lisha  Sivakami |
|  | Debugging |  | Debugging the errors |  | High | Sivakami  Keerthi malini  Abila  Narmatha |
|  | Testing |  | Testing the application and launch. |  | High | Lisha |
|  |  |  |  |  |  |  |

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



**Burndown Chart:**

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile[software development](https://www.visual-paradigm.com/scrum/what-is-agile-software-development/) methodologies such as [Scrum](https://www.visual-paradigm.com/scrum/scrum-in-3-minutes/). However, burn down charts can be applied to any project containing measurable progress over time.

**<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>**

**<https://www.atlassian.com/agile/tutorials/burndown-charts>**

**Reference:**

**<https://www.atlassian.com/agile/project-management>**

**<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>**

**<https://www.atlassian.com/agile/tutorials/epics>**

**<https://www.atlassian.com/agile/tutorials/sprints>**

**<https://www.atlassian.com/agile/project-management/estimation>**

**<https://www.atlassian.com/agile/tutorials/burndown-charts>**