Project Planning Phase

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

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| Date | 05 November 2022 |
| Team ID | PNT2022TMID42630 |
| Project Name | 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

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| --- | --- | --- | --- | --- | --- | --- |
| **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 email, password, and confirming my password. | 2 | High | 4 |
| Sprint-1 |  | USN-2 | As a user, I will receive confirmation email once  I have registered for the application | 1 | High | 4 |
| Sprint-1 |  | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | 4 |
| Sprint-1 |  | USN-4 | As a user, I can register for the application  through Gmail | 2 | Medium | 4 |
| Sprint-2 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | 4 |
| Sprint-2 | Dashboard | USN-6 | After registration the user can find information  such as food intake his/her progress in dashboard | 2 | High | 4 |
| Sprint-2 | Fitness Tracker | USN-7 | The periodic tracking of user health and fitness  done through fitness tracker | 2 | High | 4 |
| Sprint-2 | Push notifications | USN-8 | User will get reminders ,alarms through timely  notifications | 1 | Medium | 4 |
| Sprint-3 | Diet plans | USN-9 | Users can specify their goals , preferred food items and the app suggests them with a proper diet plan accordingly. | 2 | High | 4 |

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| **Sprint** | **Functional**  **Requirement (Epic)** | **User Story**  **Number** | **User Story / Task** | **Story Points** | **Priority** | **Team**  **Members** |
| Sprint-3 | Expert consultation | USN-10 | User who needs experts consultations can book their appointments and search for nearest consultant | 2 | Low | 4 |
| Sprint-3 | Help | USN-11 | Help sections includes FAQs along with tutorial  video will act as a user manual | 2 | Medium | 4 |
| Sprint-3 | Feedback | USN-12 | To receive feedback from the users to improvise the application | 2 | High | 4 |

Project Tracker, Velocity & Burndown Chart: (4 Marks)

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| --- | --- | --- | --- | --- | --- | --- |
| **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 | 23 Oct 2022 | 28 Oct 2022 | 20 | 28 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 30 Oct 2022 | 04 Nov 2022 | 20 | 04 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 06 Nov 2022 | 11 Nov 2022 | 20 | 11 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 15 Nov 2022 | 20 Nov 2022 | 20 | 20 Nov 2022 |
| Sprint-5 | 20 | 6 Days | 20 Nov 2022 | 25 NOV 2022 | 20 | 25 NOV 2022 |
| Sprint-6 | 20 | 6 Days | 27 Nov 2022 | 02 Nov 2022 | 20 | 02 Nov 2022 |
| Sprint-7 | 20 | 6 Days | 04 Nov 2022 | 04 Nov 2022 | 20 | 04 Nov 2022 |
| Sprint-8 | 20 | 6 Days | 11 Nov 2022 | 05 Nov 2022 | 20 | 05 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)



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>