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

| Date | 12 November 2022 |
|------|------------------|
| Team ID | **PNT2022TMID37210** |
| 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

| 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 | Atheeba Feroz M, Urmilaa S |
| Sprint-1 | Registration | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Shahis Fathima S |
| Sprint-1 | Registration | USN-3 | As a user, I can register for the application through Gmail | 2 | Medium | Maha lakshmi S |
| Sprint-1 | Registration | USN-4 | As a management, I need to upload food image on the site. | 5 | High | Atheeba Feroz M |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| Sprint-1 | Login | USN-5 | As a management, I need to login into my dashboard with my given login id and password. | 1 | Medium | Maha Lakshmi S |
| Sprint-1 | Login | USN-6 | As a user, I can log into the application by entering my email & password. | 5 | High | Urmilaa S |
| Sprint-2 | Dashboard | USN-7 | As a user, I need to give permission to access my Storage. | 5 | High | Shahis Fathima S |
| Sprint-2 | Dashboard | USN-8 | As a user, I get access to the dashboard which shows a details on the uploaded image. | 5 | High | Atheeba Feroz M, Urmilaa S |
| Sprint-2 | Dashboard | USN-9 | As a management, I need to provide the details of uploaded image using google web service. | 5 | High | Maha Lakshmi S |
| Sprint-3 | Services | USN-10 | As an admin, I need to provide nutrtional details through a chatbot. | 5 | Medium | Shahis Fathima S |
| Sprint-3 | Services | USN-11 | As an admin, I need to provide nutritional recommendations by collaborating with google web services. | 5 | Low | Atheeba Feroz M |
| Sprint-3 | Services | USN-12 | As an admin, I need to provide informative details for the uploaded image. | 5 | High | Urmilaa S |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---|---|---|---|---|---|---|
| | | | | | | |
| Sprint-4 | Data collection | USN-13 | As an admin, I need to store all the user information on the cloud | 3 | Medium | Maha Lakshmi S, Shahis Fathima S |
| Sprint-4 | Registration | USN-14 | As a user, I can register for the application through Facebook | 2 | Low | Atheeba Feroz M |
| Sprint-4 | Registration | USN-15 | As a user, I can register for the application through Twitter. | 2 | Low | Urmilaa S |

**Project Tracker, Velocity & Burndown Chart:**

| 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 | 13 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 8 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 12 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 14 Nov 2022 | 9 | 19 Nov 2022 |

**Velocity:**

$$AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{42}{10} = 4.2$$

**Burndown Chart:**

It will be updated after the completion of first week work