

## Project Planning Phase

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

|               |   |
|---------------|---|
| Team ID       | PNT2022TMID33113  |
| Project Name  | AI - powered Nutrition Analyzer for Fitness Enthusiasts |
| 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     | Akash, Aravindh       |
| Sprint-1 |                               | USN-2             | As a user, I will receive confirmation email once I have registered for the application                   | 1            | High     | Dineshkumar, Jabitha  |
| Sprint-2 | Login                         | USN-3             | As a user, I can register for the application through Google.   | 2            | Low      | Akash, Jabitha        |
| Sprint-2 | Dashboard                     | USN-4             | As a user, I can access all of the options available in the website's dashboard.                          | 2            | Medium   | Aravindh, Dineshkumar |
| Sprint-3 |                               | USN-5             | As a user, I can input any of the image of food in the upload field and waiting for the results.          | 1            | High     | Aravindh, Jabitha     |
| Sprint-1 | Feature extraction            | USN-6             | After the image is uploaded, I will get the results of the image.   | 1            | High     | Akash, Dineshkumar    |
| Sprint-3 | Prediction                    | USN-7             | Here the model will predict the image using deep learning algorithms such as CNN.                         | 2            | Medium   | Akash, Dineshkumar    |
| Sprint-4 | Classifier                    | USN-8             | Here I will send all the model outputs to classifier in order to produce final results.                   | 2            | Medium   | Jabitha, Aravindh     |

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

| <b>Sprint</b> | <b>Total Story Points</b> | <b>Duration</b> | <b>Sprint Start Date</b> | <b>Sprint End Date (Planned)</b> | <b>Story Points Completed (as on Planned End Date)</b> | <b>Sprint Release Date (Actual)</b> |
|---------------|---------------------------|-----------------|--------------------------|----------------------------------|--|-------------------------------------|
| Sprint-1      | 20                        | 6 Days          | 24 Oct 2022              | 29 Oct 2022                      | 4  | 29 Oct 2022                         |
| Sprint-2      | 20                        | 6 Days          | 31 Oct 2022              | 05 Nov 2022                      | 4  | 05 Nov 2022                         |
| Sprint-3      | 20                        | 6 Days          | 07 Nov 2022              | 12 Nov 2022                      | 3  | 12 Nov 2022                         |
| Sprint-4      | 20                        | 6 Days          | 14 Nov 2022              | 19 Nov 2022                      | 2  | 19 Nov 2022                         |