

## Project Planning Phase

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

Date	5 November 2022
Team ID	PNT2022TMI35928
Project Name	AI-Powered Nutrition analyzer for fitness enthusiasts
Marks	8 Marks

Sprint	Milestone
Sprint 1	<ol style="list-style-type: none"><li>1. Image collection of food items especially fruits</li><li>2. Image augmentation</li><li>3. Creation of the home page</li><li>4. Importing the flask module</li></ol>
Sprint 2	<ol style="list-style-type: none"><li>1. Applying image augmentation to the train set and test set</li><li>2. Defining the model architecture</li><li>3. Create database</li><li>4. Login and registration page creation</li></ol>
Sprint 3	<ol style="list-style-type: none"><li>1. Adding CNN, dense layers and testing, saving the model</li><li>2. User input page creation</li><li>3. Creation of rating and feedback page</li></ol>
Sprint 4	<ol style="list-style-type: none"><li>1. Loading the model by creating flask</li><li>2. API-integration</li><li>3. Cloud deployment</li><li>4. Check scalability, usability and performance</li></ol>