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 | 1. Image collection of food items especially fruits  2. Image augmentation  3. Creation of the home page  4. Importing the flask module |
| Sprint 2 | 1. Applying image augmentation to the train set and test set 2. Defining the model architecture 3. Create database 4. Login and registration page creation |
| Sprint 3 | 1. Adding CNN, dense layers and testing, saving the model 2. User input page creation   3. Creation of rating and feedback page |
| Sprint 4 | 1. Loading the model by creating flask 2. API-integration 3. Cloud deployment 4. Check scalability, usability and performance |