Project Planning Phase

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

|  |  |
| --- | --- |
| Date | 18 NOVEMBER 2022 |
| Team ID | PNT2022TMID31303 |
| 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 | Data Collection | USN-1 | Collecting the required images of food items  such apples, banana, orange, pineapple for analysis | 3 | High | N HARIKUMAR |
| Sprint-1 | Image Preprocessing | USN-2 | Increasing the amount of data by generating  new data points from existing data | 3 | Medium | ASWINKARTHI G |
| Sprint-1 | USN-3 | Used for getting the input of the original data | 3 | Medium | DINESH S |
| Sprint-1 | USN-4 | Applying image data generator functionality | 4 | High | DEEBAK B |
| Sprint-2 | Model Building | USN-5 | Building the model using deep learning  approach and CNN layers | 4 | High | HARIKUMAR N |
| Sprint-2 | USN-6 | Training, Saving, Testing and Predicting the  model | 4 | High | DINESH S |
| Sprint-3 | Creating HTML page | USN-7 | Home page creation | 4 | Medium | ASWIN KARTHIK G |
| Sprint-3 | USN-8 | User to feed the input images and display  predicted output | 4 | Medium | DEEBAK B |
| Sprint-4 | Application Phase | USN-9 | Building the flask module into the project | 10 | High | DINESH S |
| Sprint-4 | USN-10 | To perform routing the HTML pages using flask | 10 | High | HARI KUMAR N |
| Sprint-4 | Deployment Phase | USN-11 | Deployment of application using IBM cloud | 10 | High | DEEBAK B |