Project Planning Phase

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

Team ID	PNT2022TMID22365
Project Name	AI-Powered Nutrition Analyzer For Fitness Enthusiasts

Product Backlog, Sprint Schedule, and Estimation

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	Application Building	USN-1	Now that we have trained our model, let us build our flask applicationwhich will be running in our local browser with a user interface. In the flask application, the input parameters are taken from the HTML page. These factors are then given to the model to predict the type of food and to know the nutrition content in it. In order to know the nutrition content we will be using an API in this project.	2	High	Sathish Kumar JAGADESH ARVIND LOAKASH
Sprint-2	Train the model on IBM andImage Preprocessing	USN-1	In this milestone, we will register in the IBM cloud and Train the Model in thecloud. Finally we will build a deep learning model. TheImageDataGenerator accepts the originaldata, randomly transforms it, and returns only the new, transformed data.	2		Sathish Kumar JAGADESH ARVIND LOAKASH

Sprint-3	Data selection	USN-1	we will be improving the image data that suppresses unwilling distortions or enhances some image features important for further processing, although performing some geometric transformations of images like rotation, scaling, translation, etc.	2	High	Sathish Kumar JAGADESH ARVIND LOAKASH
Sprint-4	Model Building	USN-1	**Steps to Build a Deep Learning Model** 1. Defining the model architecture 2. Configure the learning process 3. Train The Model 4. Save the Model 5. Predictions	1	Medium	Sathish Kumar JAGADESH ARVIND LOAKASH