

PROJECT FLOW

Team ID	PNT2022TMID51044
Project Title	AI-Powered Nutrition Analyzer For Fitness Enthutiasts

- The user enters the image and interacts with the User Interface (UI).
- The input image is then sent on to our Flask application, where we classify the outcome and display it on the UI with the aid of the model we built.

We must finish all of the projects and tasks on the following list in order to achieve this,

- **Data Collection**

Compile the data or produce the data

- **Data Preprocessing**

Configure the ImageDataGenerator class after importing the ImageDataGenerator package.

Apply the ImageDataGenerator's features to the Trainset and the Testset.

- **Model Building**

Import the model building Libraries

- Initializing the model
- Adding Input Layer
- Adding Hidden Layer
- Adding Output Layer
- Configure the Learning Process
- Training and testing the model
- Save the Model

- **Application Building**

- Create an HTML file
- Build Python Code