Project Flow

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PROJECTNAME	AI-powered Nutrition Analyzer for Fitness Enthusiasts

- The user interacts with the UI(User Interface) and give the image as input.
- Then the input image is then pass to our flask application,
- And finally with the help of the model which we build we will classify the result and showcase it on the UI.

*To accomplish this, we have to complete all the activities and tasks***listed below**

- Data Collection.
  - Collect the data set or Create the dataset
- Data Preprocessing.
  - Import the Image Data Generator library
  - Configure Image Data Generator class
  - Apply Image Data Generator functionality to Trainset and Test set
- *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