Project Flow

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| Team ID | PNT2022TMID13897 |
| Project Name | 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 dataset 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