Project Flow

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| Assignment Date | 16 November 2022 |
| Team ID | PNT2022TMID38003 |
| 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 taskslisted below;**

**Data Collection:**

* Collect the dataset or Create the dataset

**Data Preprocessing:**

* Import the ImageDataGenerator library
* Configure ImageDataGenerator class
* ApplyImageDataGenerator functionality to Trainset and 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