Project Flow

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Team ID	PNT2022TMID04947
Project Name	AI-Powered Nutrition Analyzer For Fitness Enthusiasts

Project Flow

1.Data Collection
   - ❖ Download The Dataset

2.Data Preprocessing.
   - ❖ Import The ImageDataGenerator Library
   - ❖ Configure ImageDataGenerator Class
   - ❖ Apply Image DataGenerator Functionality To Trainset And Testset

3.Model Building
   - ❖ Import The Model Building Libraries
   - ❖ Initializing The model
   - ❖ Adding CNN Layers
   - ❖ Adding Dense Layers
   - ❖ Configure The Learning Process
   - ❖ Train The Model
   - ❖ Save The Model
   - ❖ Test The Model

4.Application Building
   - ❖ Create HTML Pages
   - ❖ Build Python Code
   - ❖ Routing To The HTML Page
   - ❖ Run The Application
   - ❖ Creating Our Flask Application and Loading Our Model By Using Load_model Method