Project Fl1ow

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Team ID	PNT2022TMID34036
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