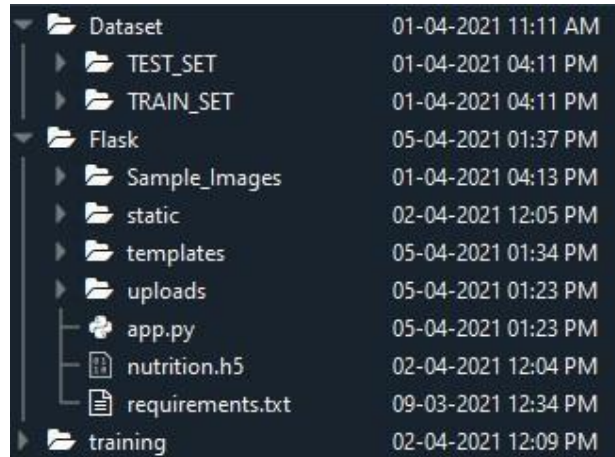


# Teamid:PNT2022TMID39808

## AI-Powered Nutrition Analyzer For Fitness Enthusiasts

### Project Structure

Create a Project folder that contains files as shown below

A screenshot of a file explorer window with a dark theme. It shows a directory tree for a project. The 'Dataset' folder is expanded, showing 'TEST\_SET' and 'TRAIN\_SET' subfolders. The 'Flask' folder is also expanded, showing 'Sample\_Images', 'static', 'templates', 'uploads', 'app.py', 'nutrition.h5', and 'requirements.txt' files. A 'training' folder is visible at the bottom.

Dataset	01-04-2021 11:11 AM
TEST_SET	01-04-2021 04:11 PM
TRAIN_SET	01-04-2021 04:11 PM
Flask	05-04-2021 01:37 PM
Sample_Images	01-04-2021 04:13 PM
static	02-04-2021 12:05 PM
templates	05-04-2021 01:34 PM
uploads	05-04-2021 01:23 PM
app.py	05-04-2021 01:23 PM
nutrition.h5	02-04-2021 12:04 PM
requirements.txt	09-03-2021 12:34 PM
training	02-04-2021 12:09 PM

- Dataset folder contains the training and testing images for training our model.
- We are building a Flask Application that needs HTML pages stored in the templates folder and a python script app.py for serverside scripting
- we need the model which is saved and the saved model in this content is a nutrition.h5
- templates folder contains home.html, image.html, imageprediction.html pages.
- Statis folder had the css and js files which are necessary for styling the htmlpage and for executing the actions.
- Uploads folder will have the uploaded images(which are already tested).
- Sample\_images will have the images which are used to test or upload.
- Training folder contains the trained model file.