

PROJECT STRUCTURE

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| Date | 5 November 2022 |
| Team ID | PNT2022TMID13870 |
| Project Name | Project - AI-Powered Nutrition Analyzer for Fitness Enthusiasts |

Project Structure:

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|---------------------|---------------------|
| ▼ Dataset | 01-04-2021 11:11 AM |
| ▶ Dataset | |
| ▶ TEST_SET | 01-04-2021 04:11 PM |
| ▶ TRAIN_SET | 01-04-2021 04:11 PM |
| ▼ Flask | 05-04-2021 01:37 PM |
| ▶ Flask | |
| ▶ 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 html page 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.