Project Objectives

Date	22 October 2022
Team ID	PNT2022TMID43817
Project Name	AI-powered nutrition analyzer for fitness enthusiasts
Maximum Marks	

OBJECTIVES

PROJECT: AI-POWERED NUTRITION ANALYZER FOR FITNESS ENTHUSIASTS

The main aim of the project is to building a model which is used for classifying the fruit depends on the different characteristics like colour, shape, texture etc. Here the user can capture the images of different fruits and then the image will be sent the trained model. The model analyses the image and detect the nutrition based on the fruits like (Sugar, Fibre, Protein, Calories, etc.).

By the end of this project, we will know the following

- know fundamental concepts and techniques of Convolutional Neural Network.
- gain a broad understanding of image data.
- Know how to pre-process/clean the data using different data pre-processing techniques.
- know how to build a web application using the Flask framework.