

Milestone and Activity List

Date	16-11-2022
Project ID	PNT2022TMID264333
Project Name	AI powered Nutrition Analyzer for Fitness Enthusiasts

Milestone	Activity
Data Collection	Collection of images of food, items, apple, banana, orange, muskmelon, watermelon for analysis
Image Pre-processing	Increasing the amount of data by generating new data points from existing data Applying image data generator functionality to train and test data set
Modelling Phase	Building the model using a deep learning approach and adding CNS layers Training, saving, testing and predicting the model Database creation for the input classes
Development Phase	Dashboard creation Analysis and prediction page creation Creating feedback and rating page
Application phase	Building the python code and importing the flask module into the project Create the flask application and load the model To perform routing and running the application and connect the front end and back end
Testing Phase	Checking the usability and accessibility Checking performance of the application and scalability