MILESTONE AND ACTIVITY

Team ID	PNT2022TMID34147
Project Name	AI-powered Nutrition Analyzer for Fitness Enthusiasts

Milestone	Activity
Data Collection	Collecting images of food items apples,banana, orange, pineapple, watermelon for analysis.
Image Preprocessing	Increasing the amount of data by generating new data points from existing data . Applying image data generator functionality to trainset and test set.
Modeling Phase	Building the model using deep learning approach and adding CNN 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 loading the model. Connecting front end and back end and perform routing and run the application.
Testing Phase	Checking usability and accessibility. Checking scalability and performance of the application