

## **PROJECT PLANNING PHASE MILESTONE & ACTIVITY LIST**

Date	18 October 2022
Team ID	PNT2022TMID39847
Project Name	AI-Powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	8 Marks

### **MILESTONE :**

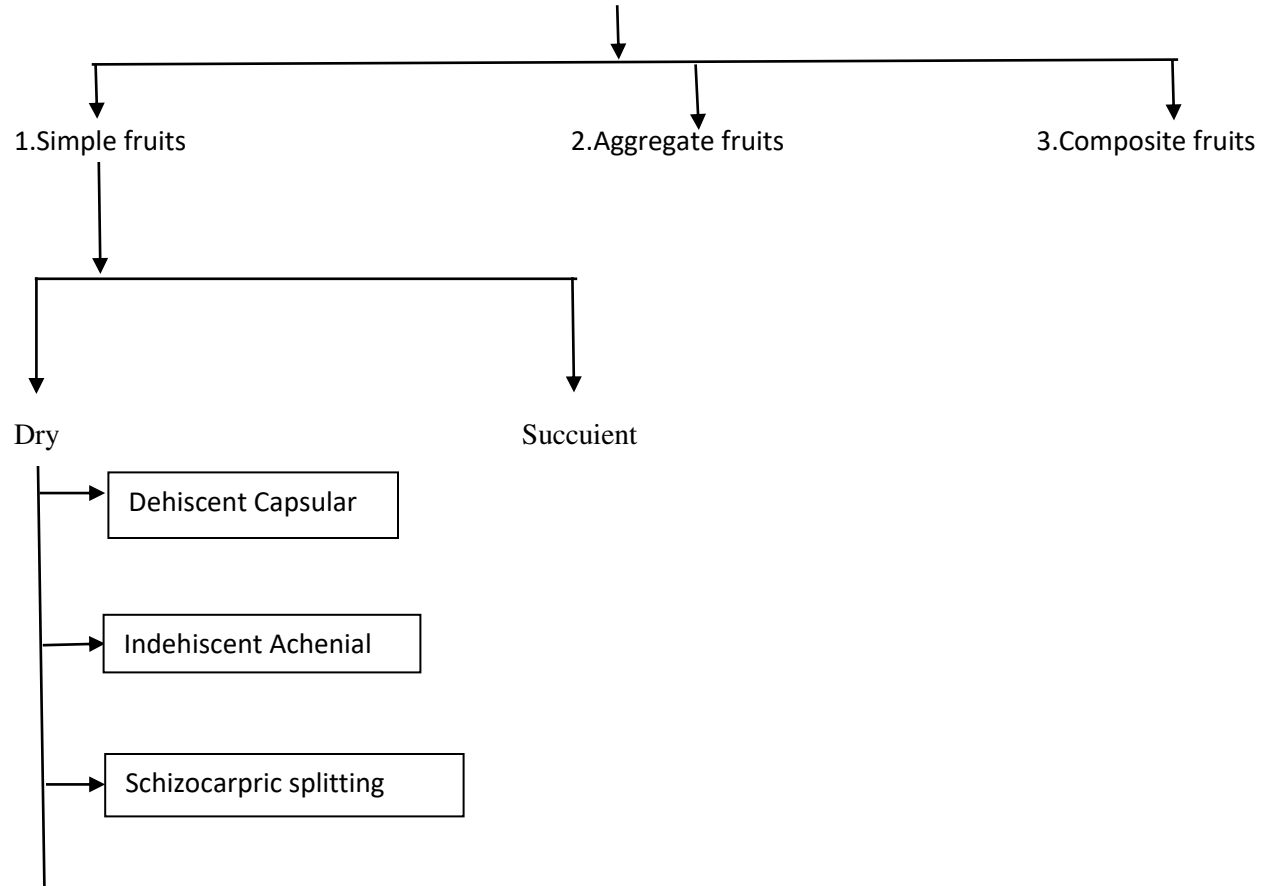
Milestone means tracking of project performance and measures.

In this project, classification AI-Powered nutrition Analyzer for fitness enthusiast there are various milestones such as .

The main aim and milestone of the project is to:

- a) To create a application that are used to help users to have nutrient fruit
- b) Nutritional Analysis detects the exact nutritional value of any given fruit item.
- c) The nutritional importance of fruits and processed fruits shows the significant contribution of this food group in providing copper and potassium, 8.8 and 8.6%, respectively, and over 5% in providing magnesium (5.5%) and iron (5.1%)
- d) While most dietary plans tell you what you can't eat (usually your favorite fruit!), the most powerful nutrition strategies help you focus on what you can and should eat.
- e) Nutrition analysis refers to the process of determining the nutritional content of fruit and food products
- f) The purpose of nutrition monitoring and evaluation is to determine and measure the amount of progress made for the nutrition intervention and whether the nutrition related goals/expected outcomes are being met.
- g) The purpose of Nutrition Intervention is to plan and implement purposeful actions intended to positively change or improve a nutrition related problem.

# CLASSIFICATION OF FRUITS



## **ACTIVITY LIST:**

In project planning phase, milestone and activity list plays a major role in the part of the project. Crossing milestone can create good impact for the project. Planning and proper implementation will result in good outcome.

PHASE 1:

## **INFORMATION COLLECTION**

In phase1collection of various fruits and techniques are collected

The requirements are analysis

PHASE 2:

## **REQUIREMENT ANALYSIS:**

Requirements analysis and new advancement of technology are improved.

Various information are gathered.

PHASE 3:

## **PROJECT PLANNING:**

In project planning phase the project is designed and requires new modalities that support image processing

PHASE 4:

## **Project modules and implementation:**

In implementing phase uploading fruit image and recognition system are implemented

PHASE 5:

## **SELECTING THE BEST ALGORITHM**

In every machine learning algorithm, there are some algorithms been defined, and its beneficial for the projects to be implemented. So the best learning through tool based algorithms can be chosen.

## PHASE 6:

### **DEPLOYING THE MODEL AND TEST THE MODEL**

The last phase is to check the model by deploying and testing the models. The projects can be executed and deployed in various conditions ,such in nutrition and fitness field and checked and can be executed. And the results can be noted, and customer can follow the predicted values for healthy lifestyle