

# **PROBLEM STATEMENT**

**Title** : Nutrition Assistant Application

**Domain** : Cloud Application

## **Problem Statement Description :**

Due to overeating, eating certain foods, taking medicines or as a result of surgery Heartburn occurs. Changes in how food tastes ,How food tastes often determines what you like to eat. If food begins to taste different — if it becomes too sweet, too bland, bitter or metallic-tasting — your appetite can be affected. Medicines often cause these taste changes and the unhealthy food habits are being practiced or being followed now a days due to the fast moving world, It makes humans to lead a unhealthy lifestyle which leads to health issues such as being overweight or obese, tooth decay, high blood pressure, high cholesterol, heart disease and stroke, diabetes, some cancers, depression, eating disorders and so on. People need to control their daily calorie intake by eating healthier foods, which is the most basic method to avoid obesity. However, although food packaging comes with nutrition (and calorie) labels, it's still not very convenient for people. Here comes the way that people can use App-based nutrient application which can analyse real-time images of a meal and detect the nutritional content which can be very handy and improves the dietary habits, and therefore, helps humans to lead a healthy lifestyle.

## **Solution :**

This project focuses on building a web App that automatically estimates food attributes such as ingredients and nutritional content by analysing and classifying the input image of food. This project allows humans to lead a healthy lifestyle by suggesting the nutritional content of the food they're consuming.

