

Ideation Phase

Problem Statement

Due to the ignorance of healthy food habits, obesity rates are increasing at an alarming speed, and this is reflective of the risks to people's health. People need to control their daily calorie intake by eating healthier foods, which is the most basic method to avoid obesity. We know that in all food packets there is a label with its ingredients with its ratio and their calorie values. This is not much clear to make sense about our healthy diet calorie. This food detection model is introduced to understand about the calorie and nutrition value of a food that we are taking in our diet.

The initial step in this food detection model is to load a food image in a web. The image is passed to the server application, which uses Clarifai's AI-Driven Food Detection Model Service to analyze the images and Nutrition API to provide nutritional information about the analyzed Image which is stored in the database. The nutritional information of the analyzed image is displayed in the page. This is helpful in identifying the exact information regarding the nutrition values.