

Project Design Phase-I

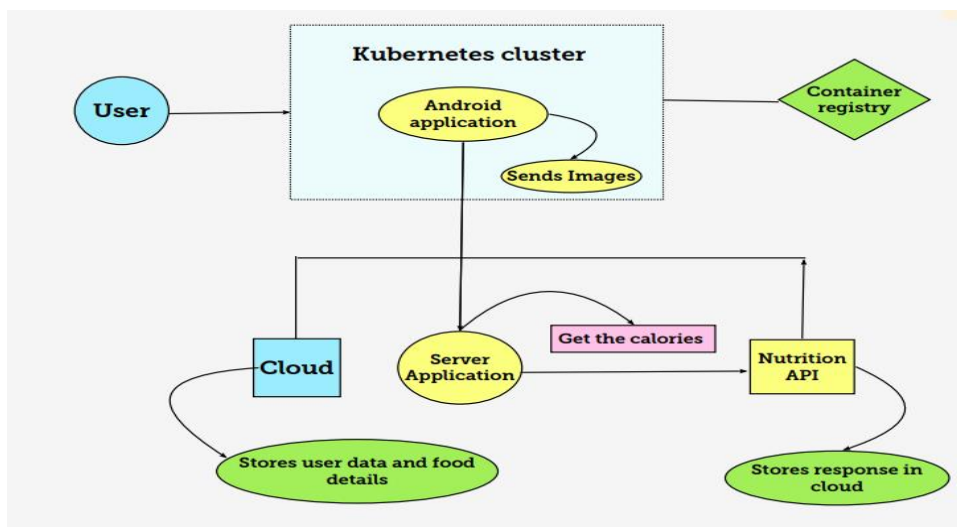
Solution Architecture

Date	15 Oct 2022
Team ID	PNT2022TMID01737
Project Name	Project – Nutrition Assistant Application
Maximum Marks	4 Marks

Solution Architecture:

- 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.
- The healthy nutritional foods have more complicated relationship as many people are habituated to take un-nutritional fast foods and other packaged food items.
- Though the packaged food items have the nutritional label of the ingredients to know about the nutritional content, but it is not much convenient to the people to know about the food, what they have intake which are not packed.
- To overcome the above problem, we have proposed the idea of Nutrition Assistant Application, which is an application to know about the nutritional content of both packed and non –packed food items.
- Here, this proposed system can automatically record personal information, produce a warning and can notify the user about the nutritional content in the food and can give personal advice to its owner in order to maintain good nutrition habits is needed.
- This project aims to develop an application for android smart phones that has a capability to record the information related to amount of nutrition consumed, to analyze the collected data and provide a notification or an alarm in order to suggest or remind the user in taking care of his/her health.

Block Diagram



Solution Architecture Diagram:

