

# NUTRITION ASSISTANT APPLICATION

## PROJECT DESIGN PHASE - II FUNCTIONAL REQUIREMENTS

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The major requirements are :

- I. Authorization
- II. User Profile
- III. Search bar
- IV. Food Scanner
- V. Calorie Calculator
- VI. Image Processor
- VII. Tracker
- VIII. Food Recommendation
- IX. Alert
- X. Diet chart

- 1) Food Scanner – Device like camera to take pic of the food or a image file picker is required to upload the image of the food.
- 2) Diet Chart – Different types and styles of diet chart data is required to suggest the diet plan according to different user.
- 3) Food type, Calorie Database – Required to analyze the food component and the various nutrition value they hold.
- 4) Food analyzer – To process food image and get the necessary details put of it.
- 5) Tracker/ Record – To keep track of the individual food habits and diet followed.
- 6) Suggestion Alert – App should give regular alert on suggestions based on the diet followed.

