

NUTRITION ASSISTANT APPLICATION

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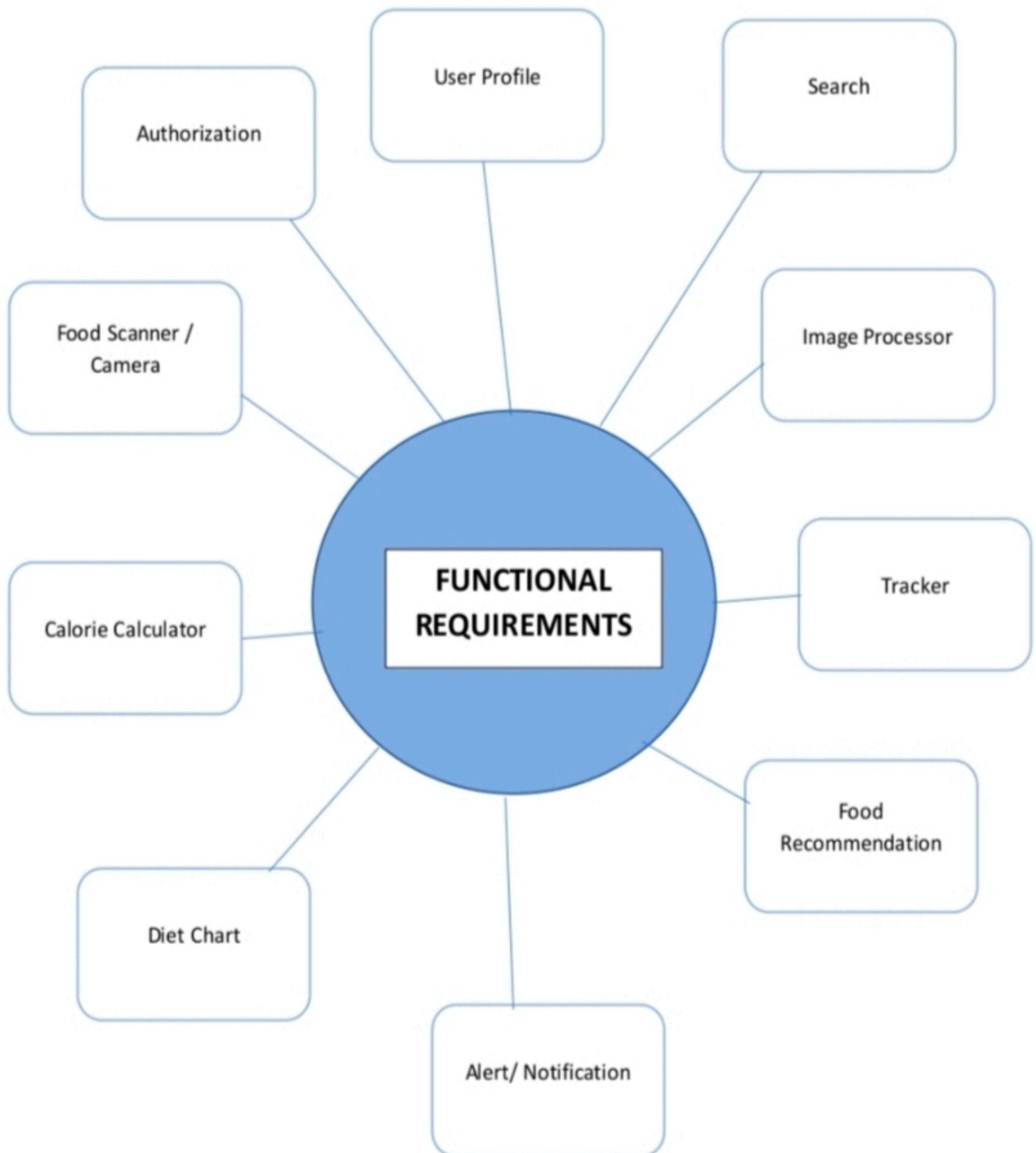
HariPrakash.S

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	<ul style="list-style-type: none">➤ Registration through Form➤ Registration through Gmail➤ Registration through Facebook
FR-2	User Confirmation	<ul style="list-style-type: none">➤ Confirmation via Email➤ Confirmation via OTP
FR-3	User Login	<ul style="list-style-type: none">➤ Login with Username➤ Login with Password
FR-4	User Profile Update	<ul style="list-style-type: none">➤ Update User's Name➤ Update Portrait Photograph➤ Update Date of Birth
FR-5	Uploading Food image	<ul style="list-style-type: none">➤ Upload from Gallery➤ Capture using Camera
FR-6	Enter Food name	<ul style="list-style-type: none">➤ Type the name of the food
FR-7	Result	<ul style="list-style-type: none">➤ Download Result➤ Share Result through Social media
FR-8	Ratings and Reviews	<ul style="list-style-type: none">➤ Share the experiences➤ Provide Feedback

The major requirements are:



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.

