

# Inhaltsverzeichnis

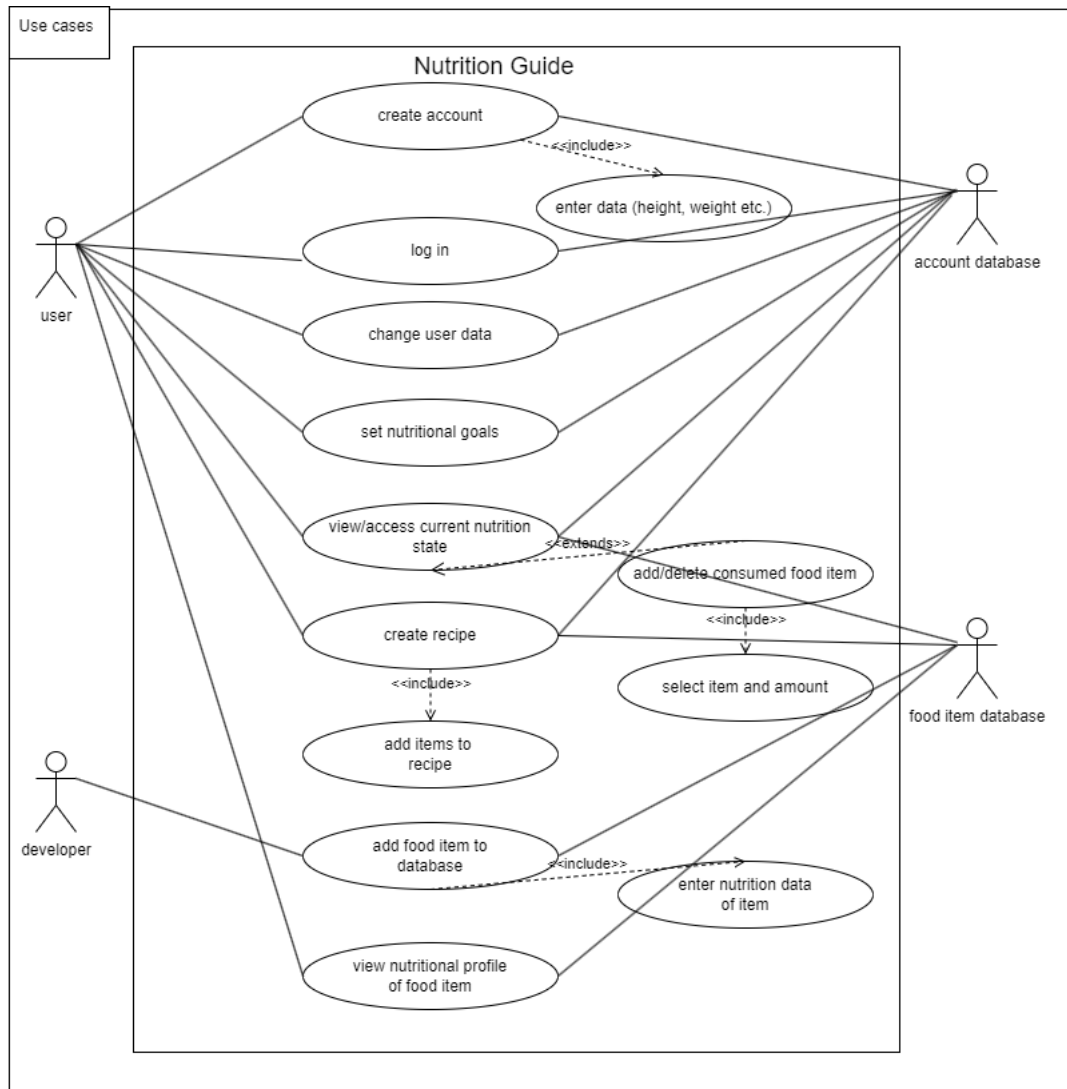
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## 1 Introduction

As a team we want to create an application that can track food intake for the user, in order to help them reach their goals. Whether its about gaining or losing weight, using the application shouldn't force them to change their dietary needs extremely, but rather suggest them the healthier variations of food in order to reach their goals. The application should be a tool that helps the users with their food consummation by using a database that involves the essential nutritional information. The application should calculate the nutritional needs for the different types of goals a user has (daily calories, protein, etc... intake in order to gain/lose weight healthy) and should consider the micro nutrients (vitamins).

## 2 Requirements

### 2.1 Use Case Diagram



## 2.2 User Stories

ID	Priority	User story
US1	H	As a user of the app, I want to be able to view my daily nutrition state, to get an idea how much i can or should eat to reach my daily goal
US2	M	As a user of the app, I want to have the ability to edit my profile as to decide whether i want to gain or lose weight and thus align the calorie intake with my goal.
US3	M	As a user of the app, I want the opportunity to update my weight, so that the app can adjust my needs accordingly, to help me reach my goal.
US4	H	As a developer, i want to be able to add or delete food items from the database in order to expand it
US5	L	As a User, i want to be able to view/add others profiles and connect with them to motivate and support them.
US6	L	As a User, i want to be able to upload my own custom food dish that i like doing often, so that the system saves it and i don't always have to type in the same ingredients. .

## 3 Implementation Difficulty

### 3.1 Easy to implement features

The problem of having to represent users and food items should be relatively easy to accomplish. Another straightforward issue should be to calculate daily nutritional needs for the user.

### 3.2 Moderate difficulty

Creating an intuitive interface for the system could be challenging.

### 3.3 Hard to implement features

Creating an account managing system and implementing the food item database with all the stated functions could present a considerable issue and could demand some time to be implemented. Also offering valuable nutritional guidance could be challenging and may require some research.