

Scenario Descriptions:

Title: Track User Water Intake

#	Subject	Subject Action	Parameters	Object Acted Upon
1.	User	Selects	"Add entry"	GUI
2.	System	Displays	Input Prompt	GUI
3.	User	Selects	"Log Water Intake"	GUI
4.	System	Presents	Input Prompt	User
5.	User	Enters	Amount of water (oz)	GUI
5.1	User	Selects	"Record"	GUI
6.	System	Stores	User Input	Database

Title: Record Workout

#	Subject	Subject Action	Parameters	Object Acted Upon
1.	User	Selects	"Fitness"	GUI
1.1.	User	Selects	"Record Workout"	GUI
2.	System	Displays	List of Exercises	GUI

3.	User	Inputs	Exercises, Reps, Times	GUI
4.	System	Stores	Workout, Time and Date	System

Log daily calories consumed

1. User selects "Add an entry +" command
2. Box appears prompting user to choose entry method
3. if
 - 3.1 User chooses "Scan barcode"
 - 3.2 System accesses user's camera
 - 3.3 Camera captures an image of the barcode
 - 3.4 System accesses FoodData Central database and searches for matching barcode
 - 3.4.1 if match is found
 - 3.4.1.1 Calorie info is added to the daily log
 - 3.4.2 else
 - 3.4.2.1 System displays "Food item not found" message
 4. else
 - 4.1 User chooses "Search for food"
 - 4.2 System prompts user to enter keywords for search
 - 4.3 System accesses FoodData Central database and searches for these keywords
 - 4.3.2 if match(es) to the keywords is found
 - 4.3.2.1 System displays potential match(es) to the user
 - 4.3.2.2 User selects closest match
 - 4.3.2.3 Calorie info for selected food item is added to the daily log
 - 4.3.3 else
 - 4.3.3.1 System displays "Food item not found" message

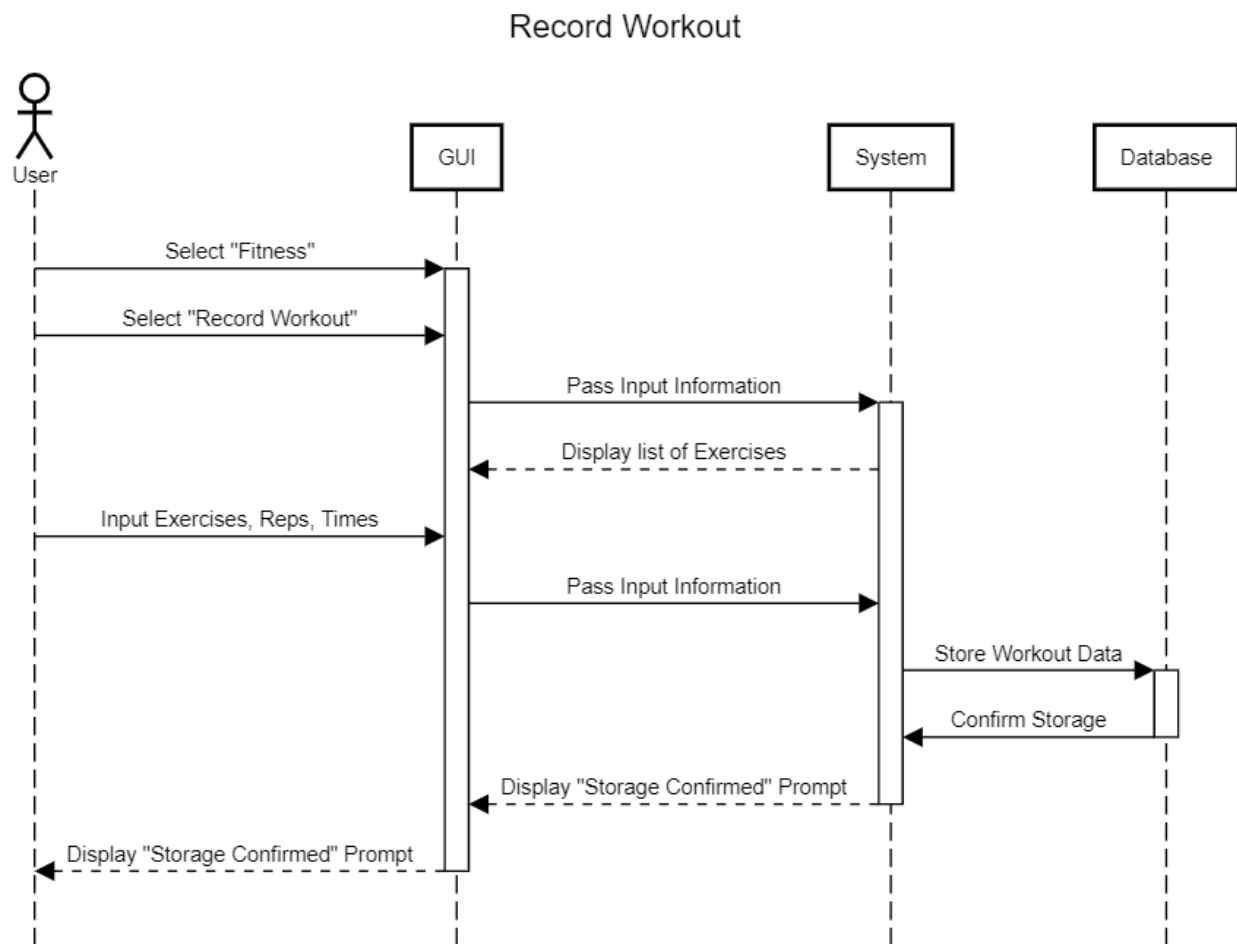
Title: Set Custom Weight Goals

#	Subject	Subject Action	Parameters	Object Acted Upon
1.	User	Opens app	On first use	GUI
2.	System	Displays	Input prompt for personal information	GUI
2.1	User	Inputs	Personal Information	GUI
3	System	Displays	Input prompt for weight goals	GUI
3.1	User	Selects	Weight goals	GUI
4.	System	Stores	Weight goals	System
5.	System	Closes	Dialogue	GUI

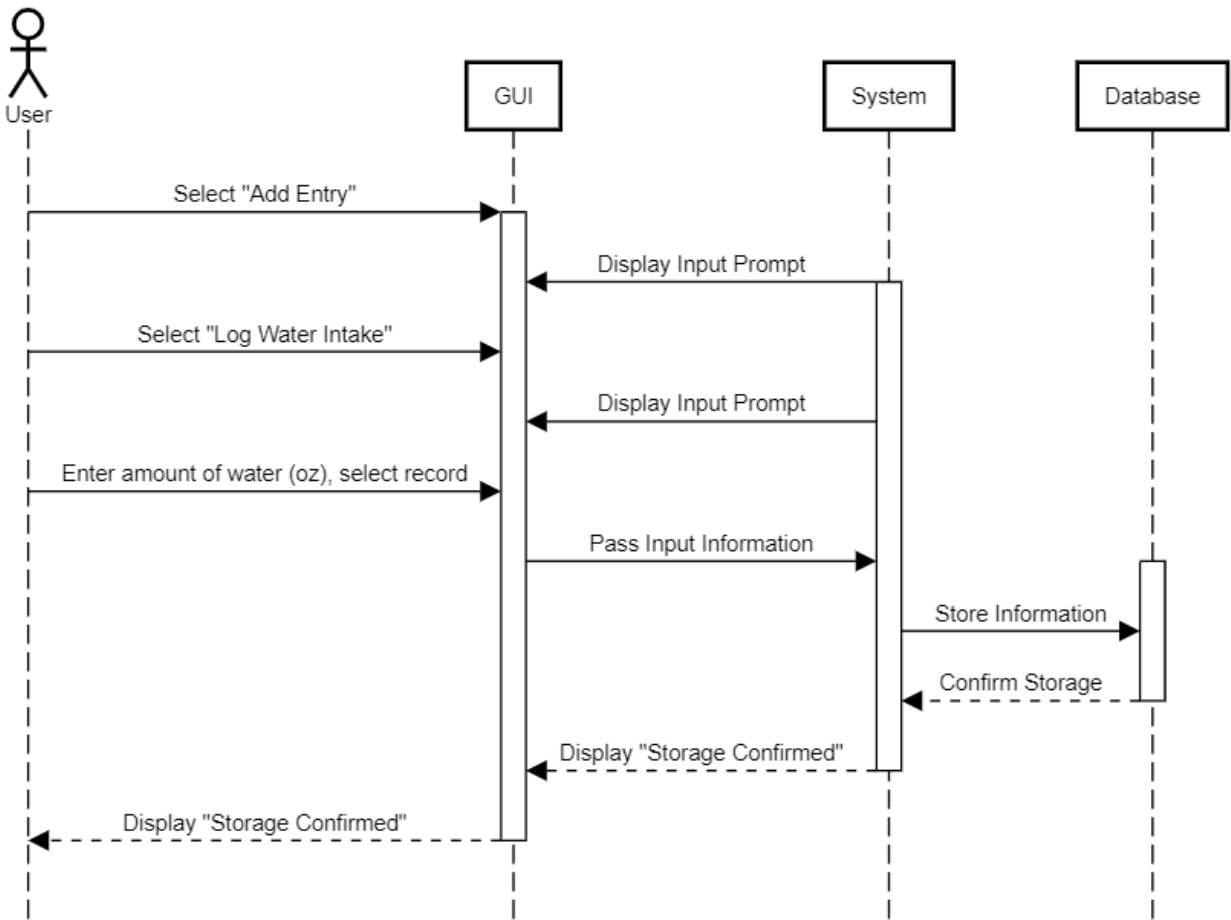
Title: Track daily macronutrients consumed

#	Subject	Subject Action	Parameters	Object Acted Upon
1.	User	Selects	Add an entry	GUI
2.	System	Displays	Dialogue box	GUI
2.1	User	Selects	"log macronutrient intake"	GUI
2.2	System	Prompts	User food input	GUI
2.3	User	Inputs	Macronutrients	GUI
3	System	Stores	Macronutrients	System

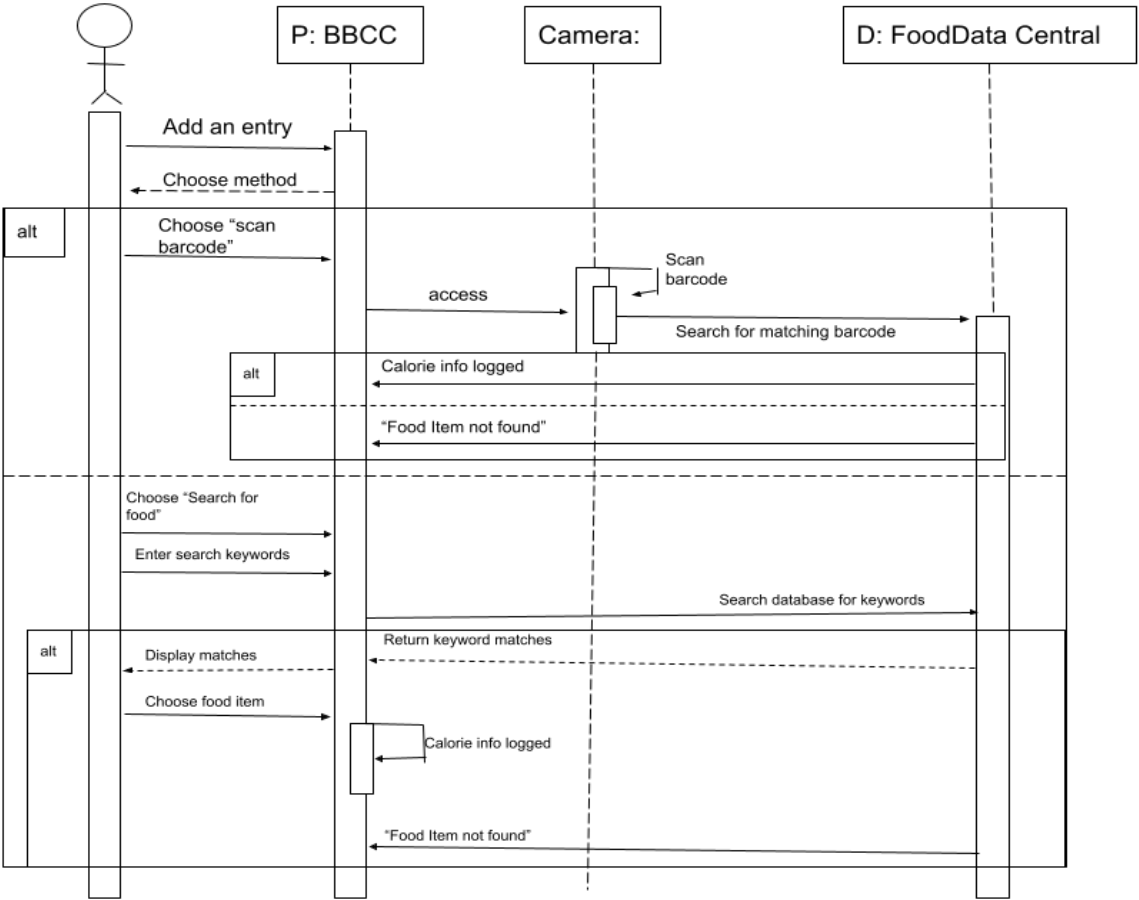
Analysis Sequence Diagrams:



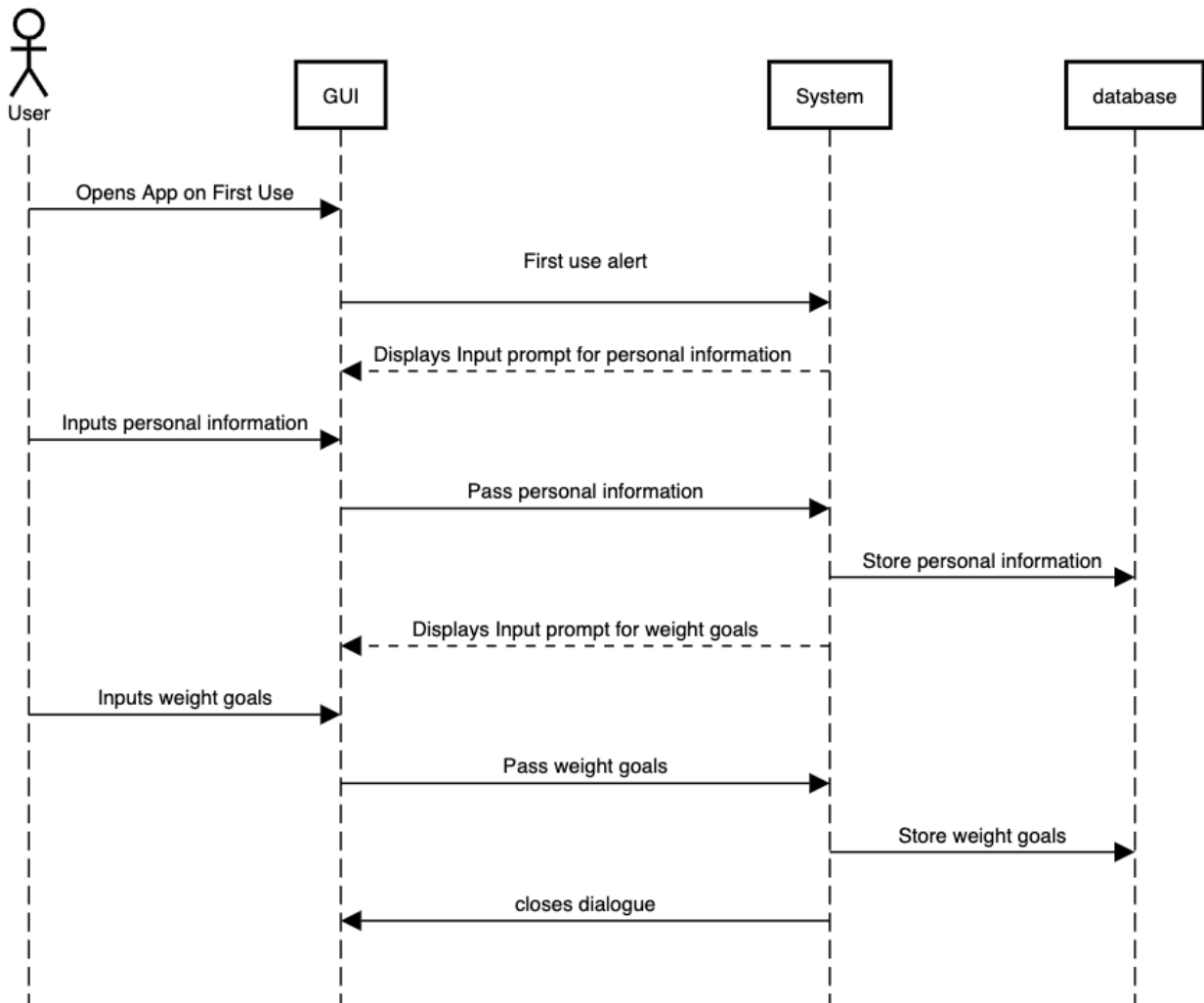
Track Water Intake



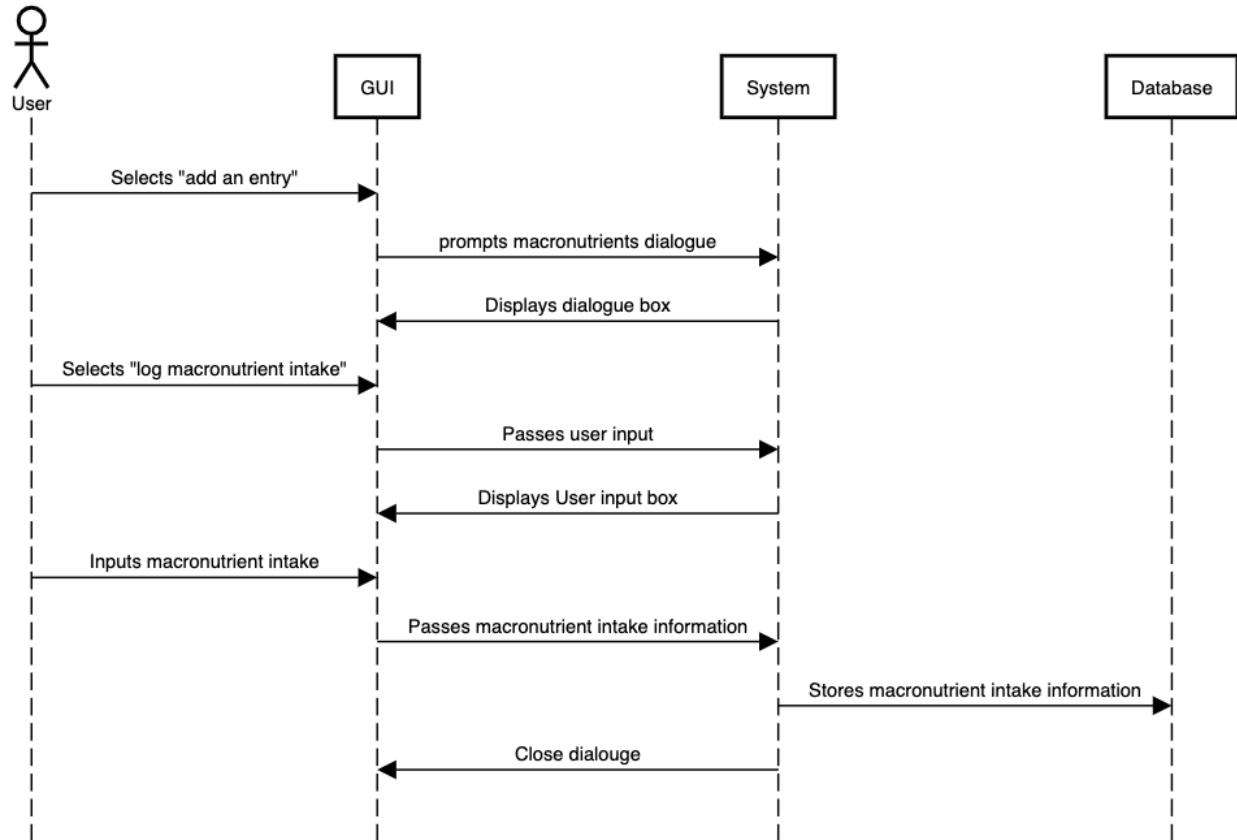
Log Daily Calories Consumed



Set Custom Weight Goals

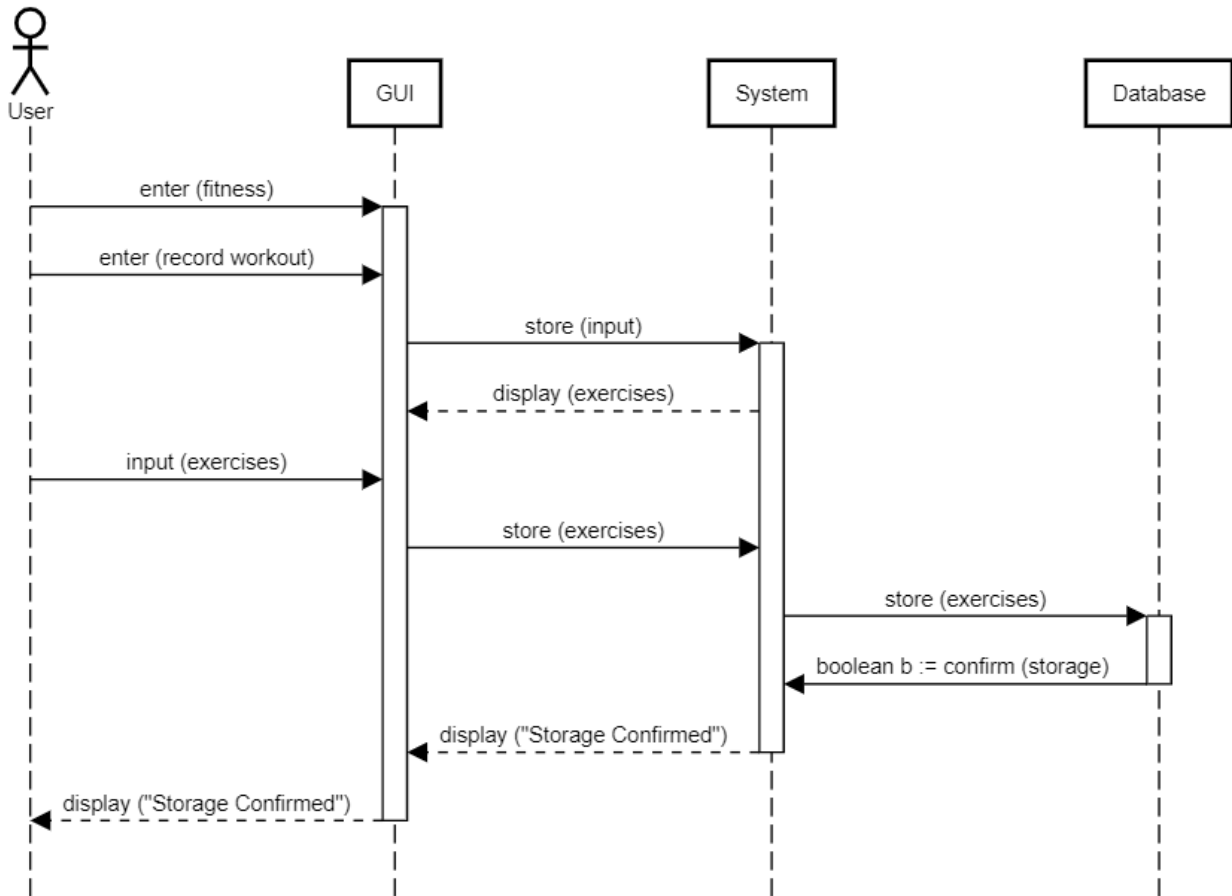


Track daily macronutrients consumed

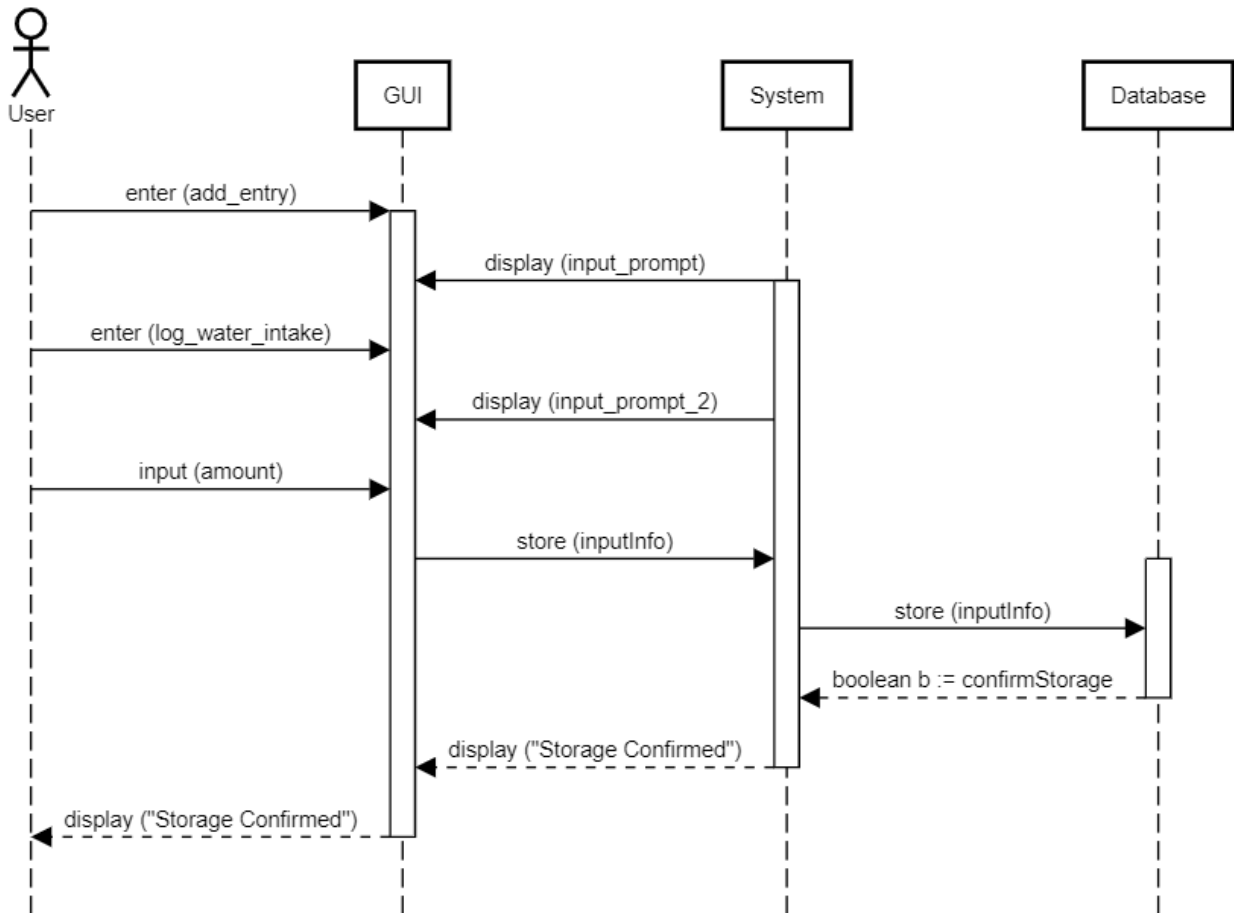


Design Sequence Diagrams:

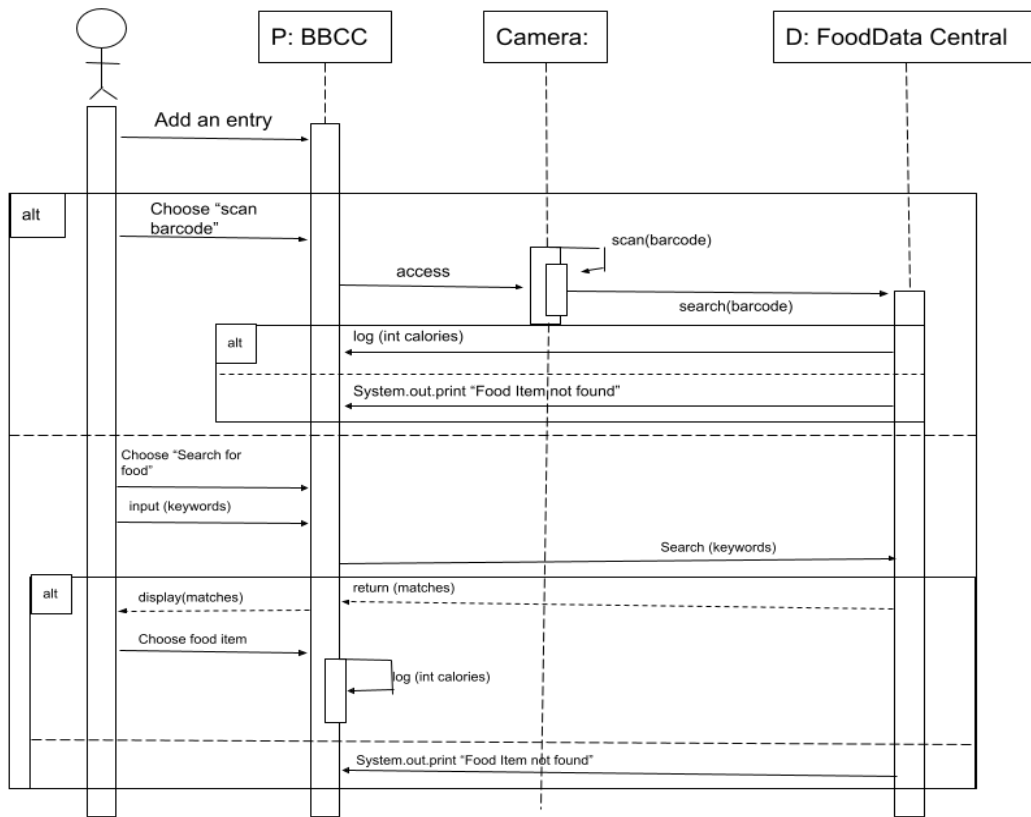
Record Workout



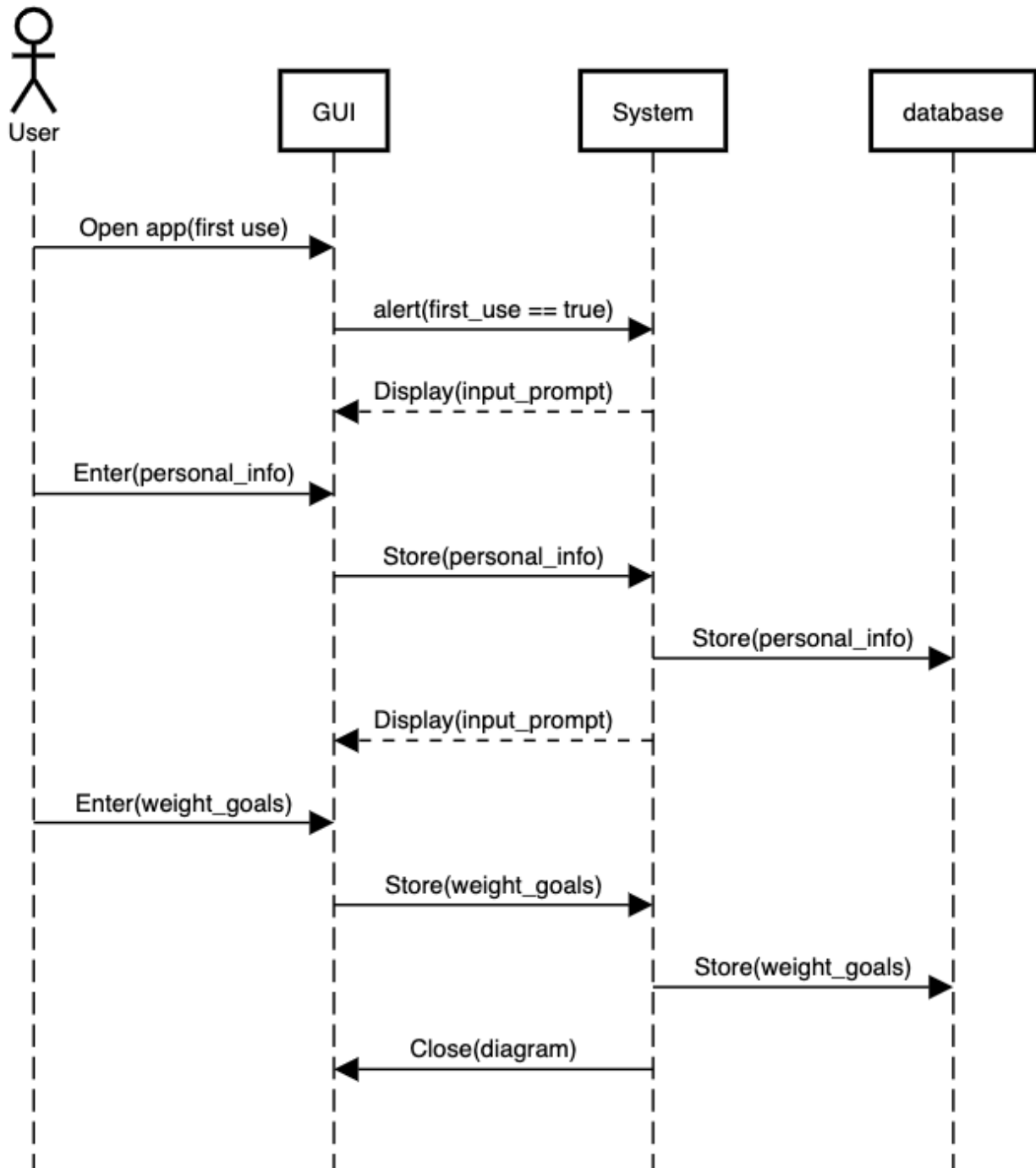
Track Water Intake



Log Daily Calories Consumed



Set Custom Weight Goals



Track daily macronutrients consumed

