Nutrition App Documentation

Use Case Diagram

Nutrition Tracker System Domain

- search food item
- input custom food item
- create profile
- edit profile
- set dietary goals
- view status of goals
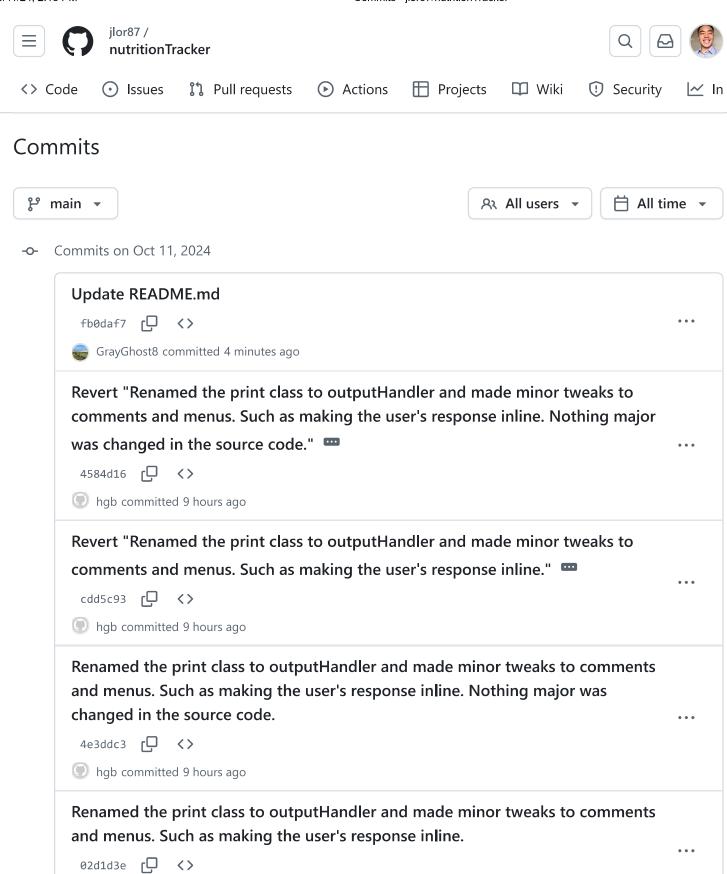
Actor

Use Cases (Two-Column Format)

Actor (series of events that the actor performs)	Goal (system response)
User searches for a food item	System retrieves food data from API, parses it, and updates user consumption information.
User chooses to input custom food item (yet to be implemented)	System prompts the user for the name of the food item and macro and micro nutrients of it, then saves this item to their daily intake.
User selects create a profile (yet to be implemented)	System responds prompting the user for username and password, and saves this information, creating a new account.
User selects edit profile	System responds, prompting the user for what they want to change (height, weight ,sex, etc.). Then the system will prompt the user for a new value and save it.
User selects to sets dietary goals (yet to be implemented)	System responds by prompting the user for what macro/micro/calorie goal they want to set or edit. System then allows for user input and overrides the value with new value.
User selects to view status of goals	System responds, showing the user how their intake for the day stacks up to the goals that they have set, either default goals or goals that they have gone in and set for themselves.

UML Class Diagram

Main

(none)

+main()

Session
- userChoice
- currentUser
- scanner
- userSettings
- api
- print

+ startSession()
+ menu()
+ getFoodInput()

UserSettings
- currentUser

+ setGoalData()
+ alterUserData()

1 — Starts — 1

Sets

Makes

Uses

Print
- currentUser

+ outputCurrentConsumption()

Prints

Alters

Creates

Makes

Utility
- userMethods[]

+ getMethods()

Uses

Uses

User
- userHeight
- userWeight
- excerciseLevel
- userSex
- allNutrients[] *

* allNutrients[] summarizes all 36 nutrients
(attributes) tracked in this app

Alters

API
- currentUser
- gson
- responseObject
- foods
- firstFood
- nutrients
- nutrient
- userMethods
- nutrientName
- amount

+ sendAPIRequest()
+ updateUserConsumption()

**Note: Classes do not contain all getters and setters for attributes

**NOTE: Documentation on the features, design choices, etc. for this iteration is contained in the readME file in the code, not here.

jlor87 /
nutritionTracker

<> Code   ⊙ Issues   �units Pull requests   ▶ Actions   ⊞ Projects   📖 Wiki   ⊘ Security   ⊿ In

Commits

⎇ main ▾   👥 All users ▾   📅 All time ▾

─○─ Commits on Oct 11, 2024

Update README.md

`fb0daf7` ⧉   <>   ⋯

  GrayGhost8 committed 4 minutes ago

Revert "Renamed the print class to outputHandler and made minor tweaks to comments and menus. Such as making the user's response inline. Nothing major was changed in the source code." ⬤⬤⬤

`4584d16` ⧉   <>   ⋯

  hgb committed 9 hours ago

Revert "Renamed the print class to outputHandler and made minor tweaks to comments and menus. Such as making the user's response inline." ⬤⬤⬤

`cdd5c93` ⧉   <>   ⋯

  hgb committed 9 hours ago

Renamed the print class to outputHandler and made minor tweaks to comments and menus. Such as making the user's response inline. Nothing major was changed in the source code.

`4e3ddc3` ⧉   <>   ⋯

  hgb committed 9 hours ago

Renamed the print class to outputHandler and made minor tweaks to comments and menus. Such as making the user's response inline.

`02d1d3e` ⧉   <>   ⋯

  hgb committed 9 hours ago

─○─ Commits on Oct 10, 2024

implementing nutrient goal changes ···

d844022 ⧉ <>   ···

🖼 GrayGhost8 committed 16 hours ago

Finished writing unit tests for Main and User classes

cca6fb6 ⧉ <>   ···

🖼 jlor87 committed 18 hours ago

Finished unit tests for Utility class

05dc6f1 ⧉ <>   ···

🖼 jlor87 committed 18 hours ago

Finished unit tests for UserSettings.java class

8a8977c ⧉ <>   ···

🖼 jlor87 committed 20 hours ago

Created as many java doc comments as I can for each of the classes we have in our src folder. I also changed the menu and api call a little bit. I made it so that when a user passes in a food they ... ···

1e109dd ⧉ <>   ···

🖼 hgb committed yesterday

Update README.md

Verified   a01dc66 ⧉ <>   ···

🖼 jlor87 authored yesterday

Reverted to older switch case syntax in Session.java

dc81204 ⧉ <>   ···

🖼 jlor87 committed yesterday

Completed unit tests for APITest.java

54a5e21 ⧉ <>   ···

🖼 jlor87 committed yesterday

-◦- Commits on Oct 9, 2024
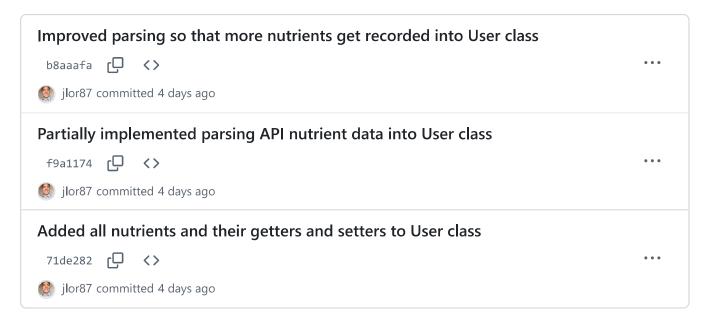
Added unit testing for API.java

725a2cd ⧉ <>   ···

🖼 jlor87 committed 2 days ago

Made unit test for Session class functions

f4bb0ad ⧉ <>   •••

👤 jlor87 committed 2 days ago

Added API class and moved API-related functions into it

52930d3 ⧉ <>   •••

👤 jlor87 committed 2 days ago

Moved outputCurrentConsumption() to Print class + refactored menu options

9babe44 ⧉ <>   •••

👤 jlor87 committed 2 days ago

Refactored code for improved modularity, added class comments

d81b2a1 ⧉ <>   •••

👤 jlor87 committed 2 days ago

-○- Commits on Oct 8, 2024

Now calculates and prints out remaining nutrient profile

8173c23 ⧉ <>   •••

👤 jlor87 committed 3 days ago

Improved parsing again to ensure fatty acids are properly updated in User

65f25b9 ⧉ <>   •••

👤 jlor87 committed 3 days ago

-○- Commits on Oct 7, 2024

Improved parsing so that more nutrients get recorded into User class

b8aaafa ⧉ <>   •••

👤 jlor87 committed 4 days ago

Partially implemented parsing API nutrient data into User class

f9a1174 ⧉ <>   •••

👤 jlor87 committed 4 days ago

Added all nutrients and their getters and setters to User class

71de282 ⧉ <>   •••

👤 jlor87 committed 4 days ago

-o- **Commits on Oct 6, 2024**

added the basics of api implementation •••

7bf44bd ⧉ <>   •••

🖼 GrayGhost8 committed 5 days ago

-o- **Commits on Oct 4, 2024**

alterUserData method update

0b2eb86 ⧉ <>   •••

🖼 GrayGhost8 committed last week

I hope I am doing this right •••

678bc81 ⧉ <>   •••

🖼 GrayGhost8 committed last week

-o- **Commits on Oct 3, 2024**

testing •••

e53981d ⧉ <>   •••

🖼 GrayGhost8 committed last week

-o- **Commits on Oct 2, 2024**

Starting files

564cdcb ⧉ <>   •••

🖼 jlor87 committed last week

Initial commit

(Verified)   bb0b6c4 ⧉ <>   •••

🖼 jlor87 authored last week