

A decorative graphic on the left side of the slide consisting of two overlapping parallelograms. The front one is blue and the back one is a light mint green. They are positioned diagonally, with the blue one partially covering the green one.

Calorie Tracker

Hello everyone



Idea & Development

- I was thinking to keep track of what I eat and thought this app might help to do that
- Break the problem by writing in human friendly language, like pseudocode
- I created the flowchart and design every step in order to create this app
- Kept it simple



List of features

Food intake & calorie intake

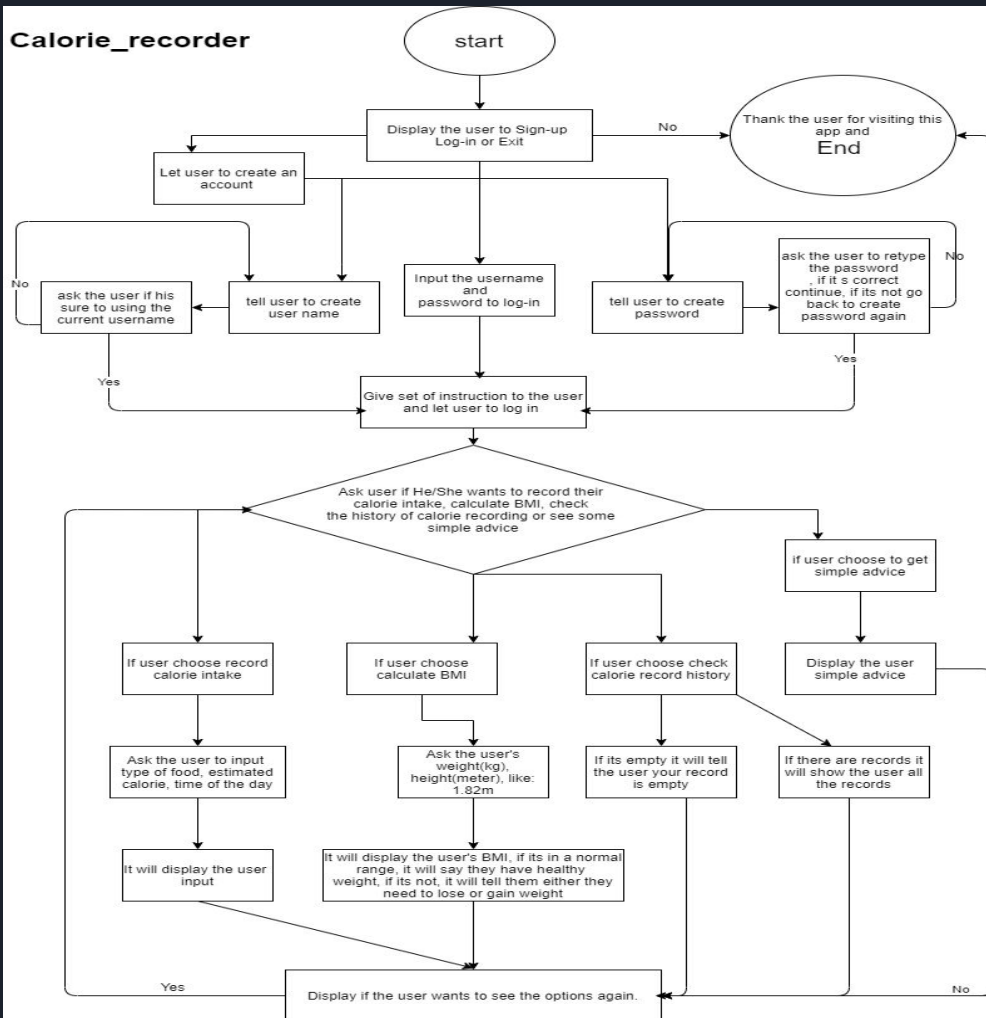
BMI calculator

History

Random advice

- Type of food, estimated calorie, time of the day
- Get your weight and height to calculate your BMI
- You can check the record history
- It will prompt you with random advice

Calorie_recorder



would you like to record your calorie intake, calculate your BMI or check the calorie history?

You can choose one of the following options (Press ↑/↓ arrow to move and Enter to select)

RecordCalorie

BMI

History

Simpleadvice

Exit

You have had 3 meals, and 1820 calories in total.

Meal	Calories	Time of the day
Cereal	450	morning
Tuna	670	Afternoon
Pizza	700	Night

Would you like to see the option again? (Press ↑/↓ arrow to move and Enter to select)

☒ Yes

☐ NO



The technical

- Create five different classes for all the features
- Implement some gems such, tty-prompt, colorize, httparty, json and terminal table
- Create different methods for each class
- Used different kind of loops, like while loop, until loop.
- Created separate file for each class



Challenges

- Didn't know where to start and how to start
- Create a terminal app was the biggest challenge
- Was hard to figure what object should be implement in order to get the function I was looking for
- DRY
- TDD was the most challenging part, still struggling with it



Favorite parts

- Writing the codes that actually worked
- I was able to break my problem and turn it into the codes
- The whole project I guess was fun



Ethical issues

- It needs to make sure doesn't promote unhealthy diet habit
- Needs to consider a mental health when it tell a user they are obese
- There can be some advice, but for any drastic change to diet, they should speak to the medical practitioner



Thanks for listening everyone

Good Luck.