

# Calorie Tracker

A backend service with APIs that allow users to register, track their calories and much more. This project is centered for backend development.

## Modules:

### User

- Register
  - Create User(s) both single and batch
  - Ability to upload Profile picture
    - Size limit of 2mb
- Delete User
- Update User
- All Users List
- Login
  - Based on Username/Email & password
  - Password should be strong (min 8 digits, One uppercase, one Symbol, and One Number)
- Export
  - All users data in form of CSV

### Food Items

- Add Food items
  - Item Name
  - Quantity
  - Calorie
- Update and Delete Item
- All food items list
- Search food item based on the name
- Import items from CSV

### Calorie Tracker

- Add record
  - Food item
  - Qty
  - Calorie (should be auto calculated based on the item and qty)
  - timestamp
- Export Calorie records to a CSV
  - Based on the time-range

## Reports

- Data showing total calorie intake
  - Per Day
  - Per Week
  - Per Month
- Calorie intake by food items
  - Per Day
  - Per Week
  - Per Month