

# Quantify Me - Track all your daily activities!

(Minimal Version - Project yet to be completed)

## Author

**Name:** Dhruv Chawla

**Roll No.:** 21f1000258

**Email ID:** 21f1000258@student.onlinedegree.iitm.ac.in

### About Me:

I am a Computer Science Engineering student, currently in my 2nd year. I am a coding enthusiast and I love building tools that help people in performing daily tasks!

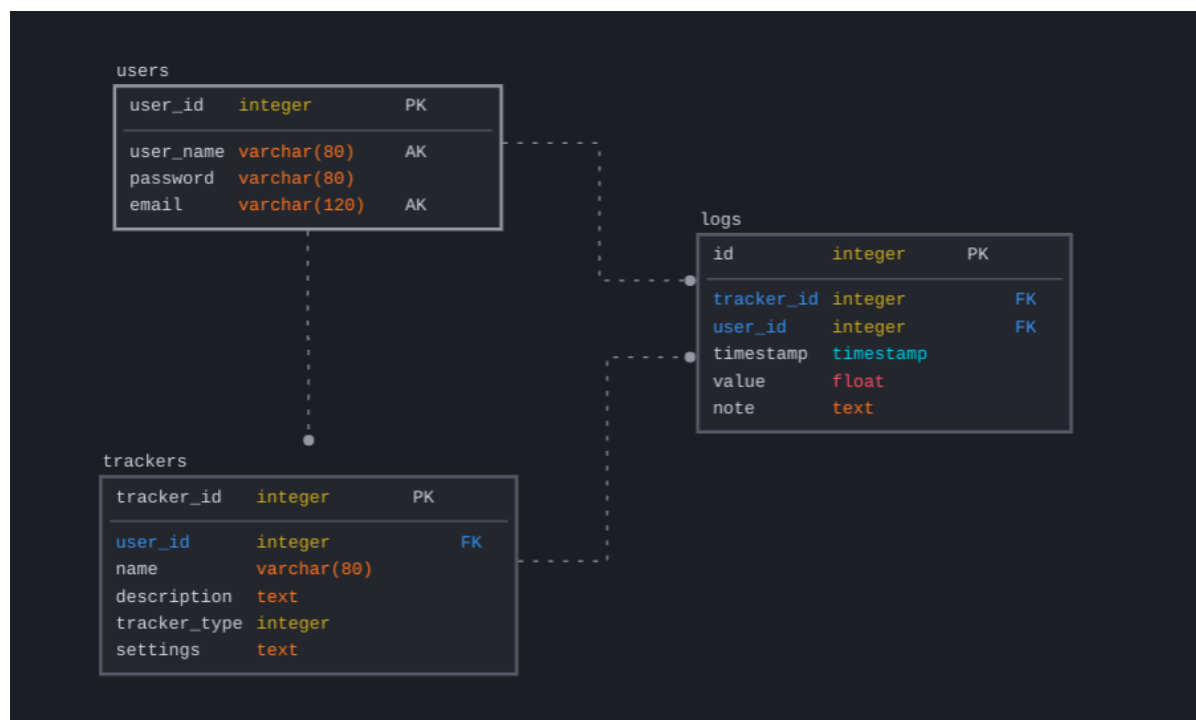
## Description

An application that allows the user to create trackers of different types to keep a track of their daily activities. The user can log these entries and see how they change over time. These could be anything like distance traveled, time spent studying, body weight etc.

## Technologies used:

- Flask
- Flask-SQLAlchemy
- Jinja2
- Bootstrap

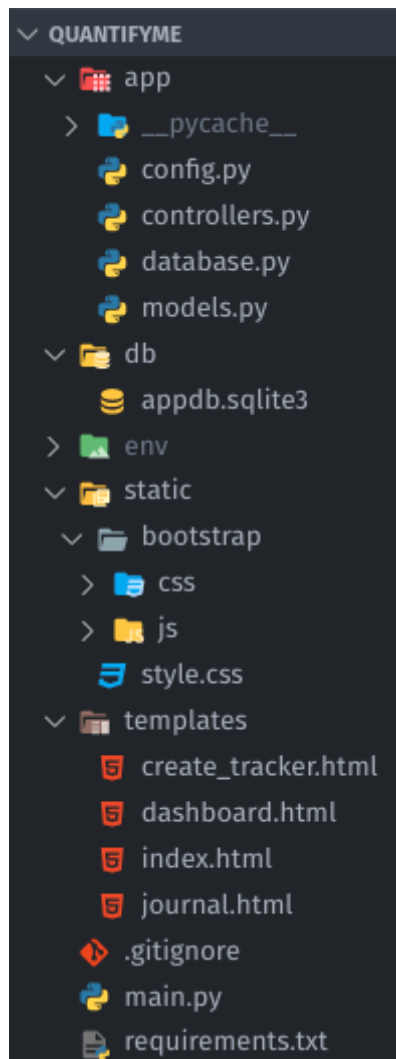
## DB Schema Design



Each user has his own set of trackers and each tracker has its own set of logs. The tables are connected to each other using primary and foreign keys, which are the ids of each of the tables. This ensures simplicity and elegance.

## Architecture and Features

---



The project is organized as shown above:-

1. The **app** folder contains the files for configuring and connecting to the database, the controllers and the models.
2. The **db** folder contains the sqlite3 database.
3. The **static** folder contains all the styling components, which includes style.css and Bootstrap v5.1.3 files.
4. The **templates** folder contains all the html files.
5. The **env** folder contains the python module configuration files.
6. **main.py** is in the root directory. It is called to execute the entire project.

## Present State - Completed

---

- **Front-end:**
  - Login page
  - Dashboard page
  - Create tracker Page
  - Tracker log history page

- **Back-end:**

- SQLite Database and models
- Fetching and displaying trackers and logs from database

## To be implemented

---

- **Front-end:**

- Sign-up
- Action button pages (log, edit and delete)
- Add trend line to Journal page
- Create navigation bar
- Add logout button

- **Back-end:**

- User sign-up and login functionality
- Connect trackers to users
- Add functionality to all the buttons