Author

Mohammed Ibrahim
21f1006587
21f1006587@student.onlinedegree.iitm.ac.in
I am currently an engineering student studying Electronics and communications engineering at Ramaiah institute of technology Bangalore, Karnataka.

Description

This project deals with the creation of a self-quantification app whose primary use is to provide an individual with the tools to quantify and track variables concerning their daily routines.

Technologies used

Python
Flask- as the microframework
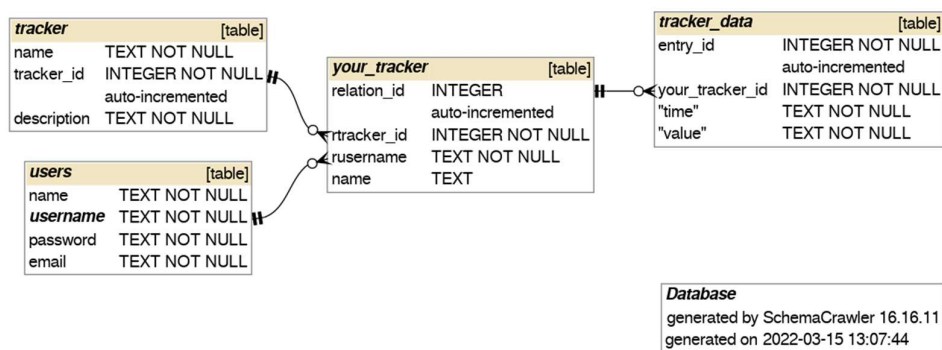Flask SQLAlchemy – to add SQLAlchemy support to the flask application
HTML
Bootstrap – for styling
JavaScript
Sqlite3- for database design

DB Schema Design

Architecture and Features

All templates are in the template folder
Sqlite3 database is inside the db_directory folder
Application folder contains
    Config.py
    Controllers.py
    Database.py
    Models.py
Static folder contains the image fine generated by matplotlib for trendlines
Main.py is in the root directory

Features implemented
    User login using forms
    Ability to create predefined trackers
    Ability to create user defined trackers of MCQ or numeric type
    Dashboard with ability to view all the available trackers and the last tracked value with its
    time stamps
    Edit and delete trackers
    Tracker view
    Ability to create edit and delete a log
    Trendlines for trackers using matplotlib

Video

https://drive.google.com/file/d/1P51OClYXxjt0Ii-1w4e9JiVBICnBq4K6/view?usp=sharing