

Author

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Description

In this project one should be able to login to make an account and then add new trackers to which one can log values , edit or delete existing trackers. So that one can track their daily habits, record their activities like running time, sleep time etc using this “quantified self app”.

Technologies used

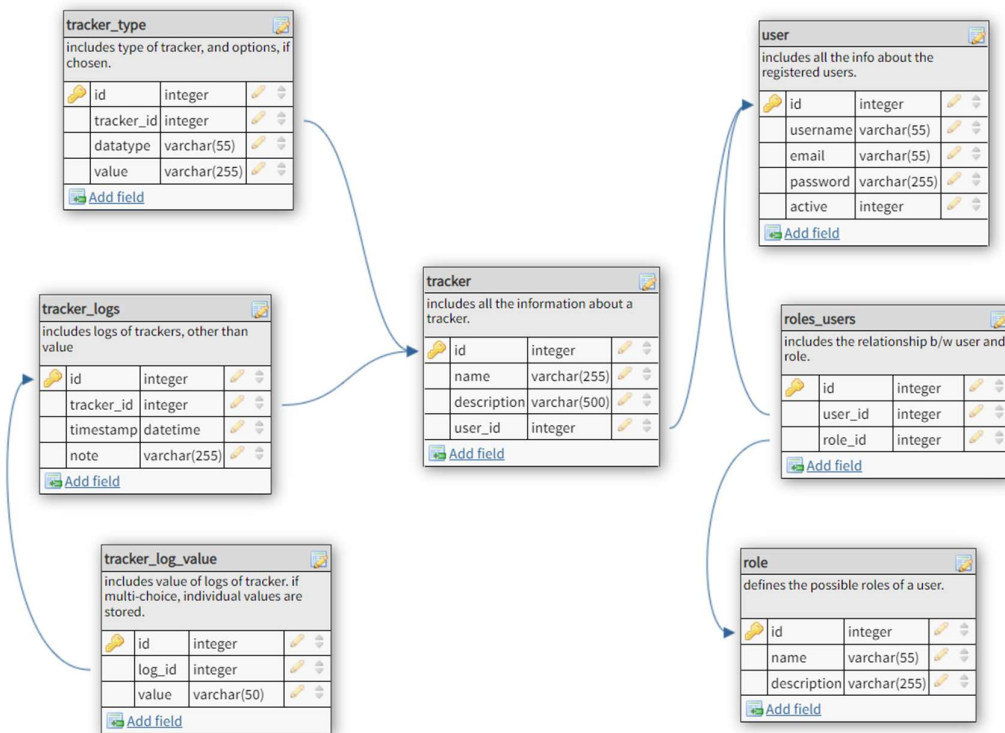
Backend

- Flask : Main Backend framework
- Flask-SQLAlchemy : ORM module used to make SQL Queries to Database
- Flask-Security : For GUI-based Authentication in Flask
- Bcrypt : For encrypting password before storing into database
- Flask-WTF : For server-side Form Validation of GUI page

Frontend

- Bootstrap : Styling the frontend
- datetimepicker/daterangepicker : To get a javaScript based Date-Time Picker
- Datatables : To make interactive tables with PDF, Excel export.
- JQuery.js : To write easier javascript codes
- Morris.js : To create bar chart and line chart

DB Schema Design



Architecture

Models are in 'application/models.py file'

Controllers are in 'application/ controllers /' folder

Html files (view) are in '/templates/' folder

Video Link

<https://drive.google.com/file/d/1tj3wDAvH0sLUMHBjxBwKgAtZRdti9tbK/view?usp=sharing>