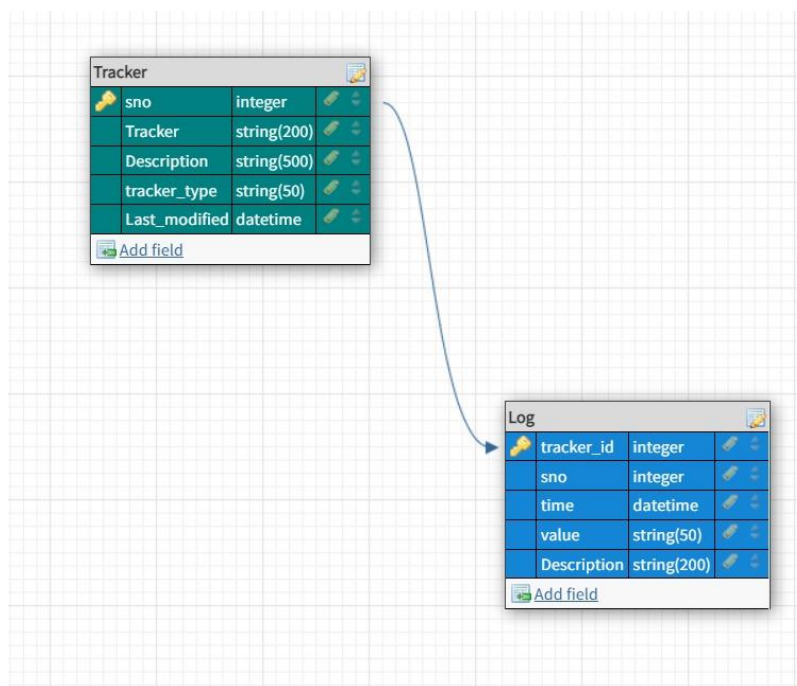# Description

Quantified-Self is a self-tracking application used to track habits, activities and other life parameters like weight, temperature, mood etc.

Technologies used

• **Flask:** Application Code

• **Flask-Sqlalchemy:** Flask extension for Sqlalchemy to create database models

• **Matplotlib:** Python library to add graphs in the application

 • **Bootstrap:** For CSS and HTML generation

• **Datetime:** For handling date and time datatypes

Database Schema

About Schema

Two tables are created as shown in the above schema.

Tracker table stores tracker name, its type, description and the time when it is modified.

Log table stores the logs of each tracker type. It stores the logs, tracker_id, time when the log is modified.

Architecture and Feature

app.py is the main file containing all the flask code & database models & routes etc.

All html files are present in templates folder and all images are in static folder.

CRUD is implemented for both tracks and logs. User can create, update and delete their account. Dashboard is created to see the list of trackers with buttons to help in CRUD operations. Each tracker has its own page to see the logs.

Video Link

https://drive.google.com/file/d/17YQCnruEyMBdX0A0QJ1ioeTzWXrUETEn/view?usp=sharing