# Quantified Self Report

## (MAD I)

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## Description

Quantified Self is a tracking app that can be used to track daily activities, habits and other parameters like temperature, weather, weight, height, mood etc.

## Tools Used -

1. Flask and Python : For Application Code
2. Flask-SQLAlchemy : Flask extension to create database model
3. Flask-login : Flask package to add sign-up and login feature
4. Flask-WTF : Wtforms for form handling
5. Bootstrap : For CSS and HTML generation
6. Matplotlib : Python library to add graphs

## Database Schema
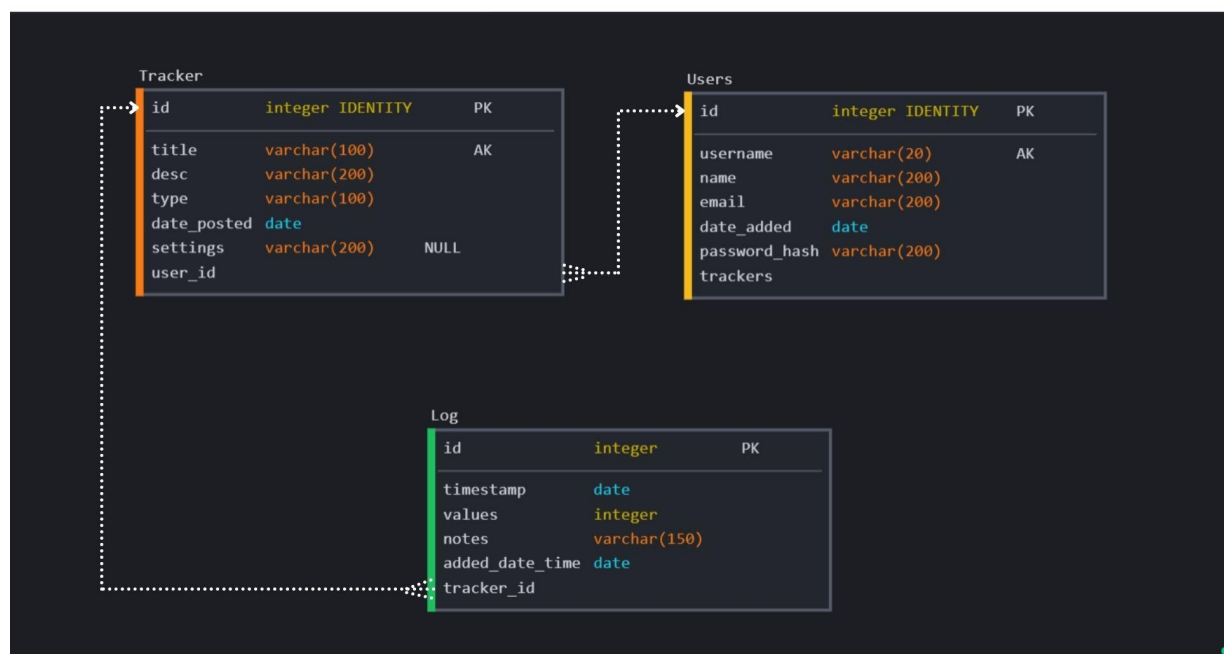
1. User stores information like id, name, username, email, date_added.
2. Tracker stores information like id, title, description, tracker type, date it was created etc.
3. Log stores information like id, timestamp, values, notes, date it was added etc.

Above Schema gives information about primary keys and foreign keys.

## Features

1. All html files are present in the templates folder.
2. app.py contains information about the imports, models and routes.
3. Images and css are in the static folder.


## Work Left to be done in the Project

The trendline graph for the application and video link are not in the project right now.