ABSTRACT OF FINAL PROJECT

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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-Sqalchemy** : Flask extension for Sqlalchemy to create database models
- **Flask-login** : Flask package to add sign-up and login feature to the application
- **Matplotlib** : Python library to add graphs in the application
- **Bootstrap :** For CSS and HTML generation
- **Werkzeug :** For securing the password
- **Ray :** For the edit & delete icons

DB SCHEMA

1.Trackers Table :

- The attributes are : id, name, description, datatype, settings, user_id

2. Log Table :

- The attributes are : id, tracker_id, user_id, value, date, note

3.User Table :

- The attributes are : id, name, username, password

Architecture and Features

- All html files are present in templates folder and all css files are in the styles folder and the image file and styles folder are inside static folder
- All the models are created inside the main.py file itself.
- All the routes are also inside the main.py file.
- User can only create their account and they will not be able either delete it or update it.
- CRUD is implemented in dashboard ,i.e, in the dashboard there are options to create, update and delete trackers.
- Each tracker has its own page to see the logs and the data in form of a graph. Sign out option is also enabled. Every route is authenticated and no user without proper credentials can access those routes.

VIDEO LINK

- https://drive.google.com/file/d/1nmcR_rnvsfnbxViP8IMsBx7IyNyvil9s/view?usp=sharing