

MAD-1 FINAL PROJECT: - TRACKER.exe

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I am a 20-year-old student from Vadodara, Gujarat This is my 1st term in the Diploma level. I am also pursuing B.Tech in Electronics Engineering (3rd Year) from Birla Vishvakarma Mahavidhyalaya Engineering college.

Description: - A Health Tracker app is where people can login and track their natural progression of various things(ex-Diet, Exercise) systematically and visualize the data in a graphical manner. Major example of similar app is Healthifyme

Database Schema Design: It has 3 tables which holds the details of the User, Tracker and its Logs.

- User Table will store the Username and Password of the User and also have a unique Id to it.
- Tracker Table will store the Tracker Name, Tracker Type and will also be used to match with the unique User.
- Log Table will store the values given as data by the User to keep a track of.

Packages Used: -

- Flask
- Flask-Login
- Flask-SQLAlchemy
- Matplotlib
- Jinja2

- SQLAlchemy
- Flask-Bcrypt

Architecture and Design: - First I created models and made a schema regarding my app. Then I started working on templates and its track parallel. For login I saw some youtube videos and used them and also used my friend's advices about fixing and making my project in working state as in a few areas I was struggling. In the folder there's main.py which contains all the code and in templates there's all html files. In static theres headicon and graph too.

Thankyou