

Habit Tracker App

PRESENTATION ABOUT THE IMPLEMENTATION



Use Cases

Establish and Maintain positive habits



Tools Used



- Python 3.10.12
- pytest 8.0.1

Implementation



The main logics are implemented into the "db.py" with the functional python programming implementation



"sqlite3" is used for the database



There are different separate files created for the different modules like: "user.py", "habit.py", and "analyse.py" where the logics for the different operations are implemented using OOP implementation using the functions from "db.py"



The test cases are being implemented on "test_project.py" using the pytest



"main.py" is the main entry file of the project where CLI() logics are being implemented using the OOP implemented classes on the different modules created.



All the packages that are needed for the project are being freezed to the "requirements.txt"

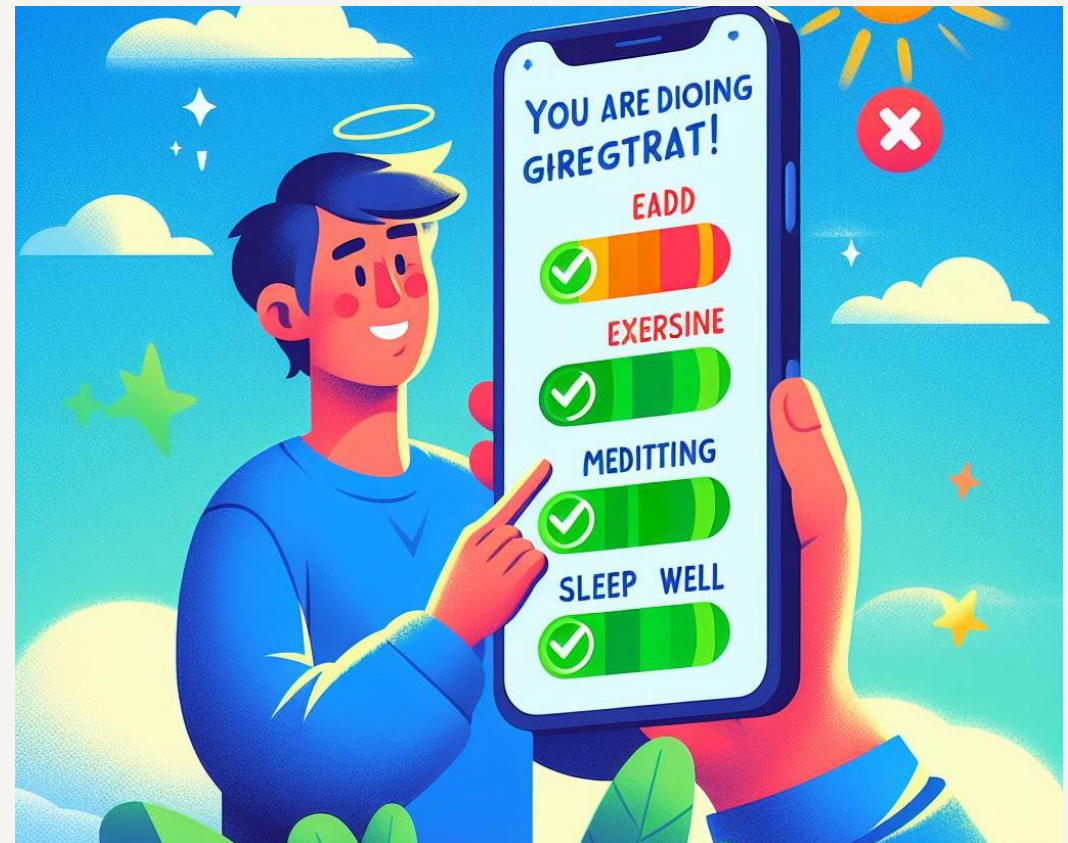


More instructions related to the project are mentioned on the "README.md" file.

How to Use?

- Step1: Create and Activate Virtual Environment
- Step2: Install the requirements
- Step3: Run "pytest ." For testing
- Step4: Run "python main.py" to run the project
- Step5: Select the option register or login and then do as per the instructions.
- Step6: And after login you can perform activities like:
Create a habit, Check a habit, View analytics

Create the account and login to create your habits then check a habit if you are done with the habit as per the periodicity. Then you can view the analytics of your habit activities as per your need.



Have a great future with your positive habits

Thank
You