

Project Abstract

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Introduction

This project aimed to develop a habit tracking program called "Habits Tracker". The goal was to provide users with a tool that helps them manage, monitor, analyze, and keep track of their habits effectively and efficiently.

Technical Approach

The project was implemented using Python as the primary programming language. It utilized JSON for data storage, the OS module for file system operations, the PrettyTable library for displaying the stored data in a tabular format, and the datetime library for date and time operations.

Challenges

One of the main challenges of working on this project was, managing the timeframes and streaks effectively. Addressing this challenge required careful handling of dates while considering the implementation of streak tracking system.

Achievements

The project successfully delivered a user friendly habit tracking program with a colorful and clear command line interface. The making of this project was a fun and easy challenge to help practice and enhance my coding skills.

Features

Noteworthy features that was not expected during the initial making include a dynamic table display for a better user experience and the color coding text which also help with the user experience and a better understanding and analyzation of the information displayed.

Conclusion

In conclusion, the project was a success by delivering a habit tracking program and the challenges encountered provided valuable lessons and learning experiences.

GitHub Link of the Project:

<https://github.com/NasiriMohsen/HabitTracker>