Habit Tracker

From app concept to open source program

Finalization Phase

Further training project of

https://github.com/bjoernle/iu-academy

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Contentlist

Finalization – Abstract

At the further training „Object oriented and functional programming with Python" it was my task to create a habit tracker with database support.

I created the database structure and thought about the way of using this app.
It hasn't to work all the time, just if the data have to go to the database or for analysing the data from the database.

So I created classes and functions for completing the given tasks.
I developed it for Windows and Linux systems.
Some problems i had with the stacking of arrays, and know today simpler ways.

For a better usabillity i decided to create a webinterface.
The first version was hosted by a Apache server with PHP scripting.
But there where some setting problems on different computers.

After I had the first live session, I turned to a full Python driven project. Now it's a Python simpleHttpServer, which will be started in another commandline(or terminal).
And then your browser opens a new tab with the login for the app.
(Please read README.md for more informations)

User: admin
Password: pwd

It's possible to write a signup field in the login page, but for security I deleted it.

You're able to add a user by the commandline, instructions you'll find in the README.md.

The server you can see as a autonomous app.
It just do what you whould do, if you use the app by commandline.
The HTML sites just help with the possible attributes for running the app and it's functions.
The input is sended with POST to a python file that create the commandline command.

Have a lot of fun using the app!

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