Habit Tracker

Review of Version1

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**Overview**

I am implementing a habit tracker to help participants in the “75 Challenge” keep notes on their progress with their daily tasks.

So far, I have implemented a login page and the habit tracker default dashboard.

Saving the data to CSV files is functional as well.

Here is a link to my video review of my progress:

<https://iowastate.instructuremedia.com/embed/2f34ca65-b31b-44c1-8bc5-79c7f01a6d3c>

**Challenges**

I hadn’t used flask previously and had limited html and css background. I have been learning these new aspects while trying to get the python programming to work with the interface.

I implemented the checklist prior to getting the streak mechanism included. Its inclusion caused some errors which broke the functionality and where difficult to locate. While I have solved the problem with it breaking the application it is still not functioning properly.

**Upcoming Challenges and Milestones**

Streak

Get the streak information to track properly. This should be straightforward, just a bit of logic that needs to be adjusted.

Registration

Set up the registration page and setting page. Link these to the login page and the dashboard page.

Progress visualizations

Include some graphs or charts to track progress in various areas over the course of the challenge.

Extended Checklist Options

Provide some extended tracking options for each of the areas.

**Self Reflection**

I am proud of the learning I have done to get the program functioning to this level. I would like to be a bit further along but am looking forward to progressing faster as my experience with flask, html, and css becomes more proficient. I struggled more than anticipated getting the python to work as I wanted and connect it to the interface. Flask is not as difficult as I anticipated but is much deeper than expected; I am glad that I chose to use it instead of Tkinter. I will inevitably break things and have to re-work large parts of the code as I add more features. This is both exciting and frustrating. I enjoy the challenge and spend too much time with little details.

I am not intending to change my project specs.  I have reviewed them and think that I will be able to accomplish my goals by the end of the programming phase of the project.