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What I did:

This sprint, I focused on expanding the habit tracking feature and editing the UI. I worked on updating the habit model so it can track streaks, missed habits, and overall completion rates properly. I did this with defining backend functions for models. I also added edit, delete, and complete habit functionality. Users can have more control managing their habits. I also made a page where users can change their password.

On the UI side, I separated the CSS for landing/login/signup, added a tag to clean up form alignment, and styled smaller buttons to look better. These are things that make the website feel more user friendly.

Challenges:

One of the more frustrating parts was getting habit completion tracking to work correctly. In the beginning streaks and missed counts weren't updating right, and it took longer than I expected to figure out why. I had to go test a lot and also change how it counted and calculated completions. Another thing that was quite annoying was dealing with dates in Python since the habits really have to do with days, weeks, and months.

What I learned:

I got a better understanding of how to structure models efficiently in Django, especially when dealing with data. I also learned some small CSS adjustments actually make a difference in how the UI looks.

What I could improve:

I should've tested things earlier instead of waiting until the end to fix tracking issues. Now that we are done with 2 sprints, I feel like maybe I should have also spent some more time in the beginning to plan out the habit model and what kind of data fields and functions I need. I would also have considered how I would use them in the front end. That way I would have had an easier time implementing them instead of changing them back and forth.