Sprint Squad
Sprint 1 Review

Accomplishments

During this sprint, our team focused on setting up the foundations for the habit tracker web application. We successfully implemented user authentication using Django's authentication system. This lets users sign up for a new account and log in. Users can also log out when they are done with the session. Any user data like personal information as well as habit information will be stored in the SQLite database.

For frontend, HTML templates for each page were created for the basic structure of the app, which extend a base template with a navigation bar that links to important pages. A CSS style sheet was made for the pages to make sure the user interface is responsive and modern.

In the backend, we set up the base model for habits. It is currently simple, and only has options for a name, frequency, and creation date. But the model will be expanded greatly in the future, allowing for deletion, editing, completion, and more for the main function for our app.

Challenges

Since this is the first time many team members will be working with Django, there is a learning curve in understanding its structure. Fortunately there are many online resources on sites like GeeksForGeeks and YouTube to overcome this.

Our task distribution and coordination could also be improved. Some tasks took longer because of overlapping work and we will improve on this by utilizing Clickup to better track our user stories and work for each sprint.

Another one of our next goals is to successfully resolve deployment challenges to ensure a live version of the application.

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Feedback

We were told that some of the UI needs some attention, like the sign up page. We're aware of this and there will be different CSS styles that are appropriate to handle different kinds of content instead of one overall CSS style for the whole website. The habit model was implemented and the client wants to see more advanced features in future sprints. Namely features like streaks and reminders. This has been put in the backlog. The client says that we should focus on delivering about 2 features per sprint. In the next sprint, we will be focusing on expanding the habit model to handle more information and functions, as this is the backbone of our web application, as well as allowing users to customize and change their user profile.