Our Feature: Covey Chronicle

As a remote collaboration tool, Covey.Town allows users to meet each other throughout the town and communicate synchronously. However, given the increase in flexibility of work hours and work schedules throughout contemporary western society, we may observe that synchronous communication becomes less and less applicable.

Consequently, our feature is to add a news area with an integrated news feed which allows users to view posts created by other users, and also discover new topics to discuss with others.

This feature would solve the ability to communicate and connect with others asynchronously, as users need not be in the town concurrently and can view each other's posts asynchronously. They can then leave comments on posts to be viewed by the original poster when they return to the town.

Our Tech Stack & Design

For our frontend, we extended the existing Covey.Town tech stack and added Clerk for user management, and React Query for handling API requests. Additionally, we extended the backend by adding a Postgres Supabase database for persisting our data, Clerk for user management, Prisma as an ORM, and Docker for integration testing purposes.

Future Work

In terms of future work, there are a few possible avenues for extending our current functionality. For one, we could improve the user experience and UI such that it allows users to see which posts they have already viewed. Another avenue is taking advantage of the inbox and extending it such that users can subscribe to posts and receive notifications when there is activity. Lastly, we were also curious about creating user communities such that users can join different groups to see posts specific for that community.

Source and Demo

Demo: https://spring24-project-team-302.onrender.com/

Code Repository: https://github.com/neu-cs4530/spring24-project-team-302