Academic Alley: A Student Activity Website

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The submitted project is a web application built with Next.js, a React framework. The code is a mix of Typescript and Javascript (in React's TSX/JSX syntax). For the scope of this project (and our team size of two), we chose not to use a fully-separate database (e.g., MongoDB), and instead used in-memory (via hardcoded structures or localStorage) data structures. Our project still remains dynamic and the states update accordingly to input.

We did however implement our project with firebase authentication, and this could easily expand into utilizing firebase entirely as a database if this work were to continue. Firebase authentication utilizes Google's authentication microservice to both validate and control user access. We are also utilizing firebase hosting. You can access the site online here (this link is not guaranteed to work past the end of the semester): https://academicalley-e3242.firebaseapp.com/

For the UI, we used NextUI, a library of React components that is built on Tailwind CSS.

Specific versions of the aforementioned dependencies (and more) are viewable in the submission files (in `academic_alley/package.json`). See `README.md` for instructions on how to run the app.