**Project Overview**

This project is a simple Next.js app that demonstrates user authentication with Firebase. It allows users to register or log in using their Full Name, Email, and Password. After logging in, the user is redirected to a personalized home page.

**Challenge & Solution**   
There was a noticeable delay in displaying the user’s name after login, because the full name had to be fetched separately from Firestore.  
To resolve this, the user’s name can be stored directly in Firebase Auth using updateProfile during registration. This makes the name instantly available from auth.currentUser.displayName.

**Fallback:**  
If needed, a loading state can be shown while retrieving the name, or it can be cached in localStorage to prevent flickering.