Gloo

Making student-teacher connections that stick!

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Introduction:

Gloo is an interactive app designed to bolster student/teacher relationships. Gloo provides interest-based, AI-generated teacher mentor recommendations to students, allows teachers to share meeting availability, and offers journaling for users to reflect on and remember interactions.

This README lays out the operating instructions for the high-fidelity prototype of Gloo, completed in December 2024.

Design Tools:

Our prototype was developed using React Native and Expo. On the backend, we use Supabase to store user information. Navigation is done using Expo Router. AI coding assistants, such as Copilot, were also used during development.

Prototype Operating Instructions:

To operate our prototype, please download the Expo Go app, create an account/login, and scan the QR code on the right to get started. Gloo will work best on an iPhone 16 Plus.

You are welcome to create your own account or use one of our tester accounts listed below. Please note that creating an account may require some patience as the new account syncs with our database.

TO LOGIN AS A STUDENT:
    Email: test@stanford.edu
    Password: alison123

TO LOGIN AS A TEACHER:
    Email: test2@stanford.edu
    Password: justin123

Wizard of Oz and Hard-Coding

As Gloo is an inherently social app that requires many users, some aspects of our app have been hard-coded and/or use Wizard of Oz techniques. These include the following elements:

- The AI insights on the teachers' home page
- The list of teachers that the students, and vice versa.

Limitations

Some aspects of Gloo have been omitted for this hi-fi prototype:

- Displayed profiles do not change when new users are created
- We have opted out of implementing profile editing, as it is not a core aspect of user experience. A placeholder button is present.
- Speech-to-text is also not currently implemented. A placeholder button is present.

Gloo also does not currently provide any account validation. Whether an account is for a student or a teacher is based on self-reporting, and we do not validate email addresses. Because of this, our prototype does not know what high school users are a part of. The current assumption of this prototype is that users are all from the same school.