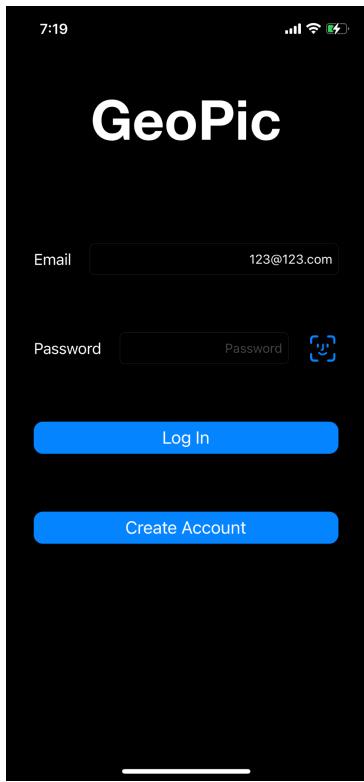


## **Checkpoint (6)**

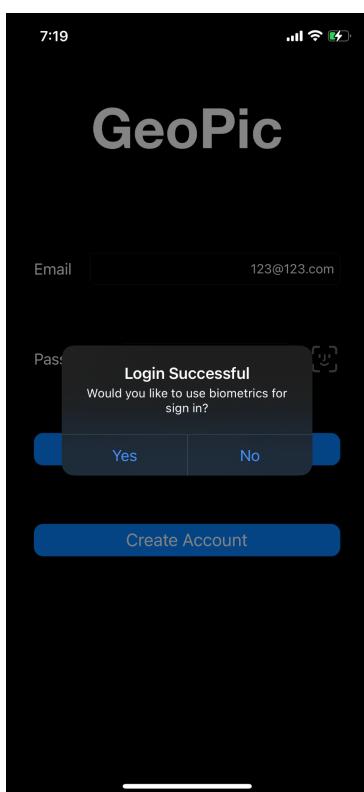
Dave Becker, John Choi, Jonathan Nutter

- List of Use Cases
  - User creates account
  - User logs into account
  - User changes name
  - User changes password
  - User deletes account
  - User logs out
  - User decides whether to use biometrics or not
  - User views map
  - User selects pin/views photo
  - User likes/unlikes photo
  - User deletes photo if they are author
  - User opens camera
  - User takes photo
  - User chooses photo
- List of NFR
  - Pin buttons must be loaded by the time the user sees the map
  - Pins must be uploaded in under 5 seconds under normal network conditions
  - Pins must be viewable within 1 second after clicking under normal network conditions
  - Dark mode must be supported throughout the app
  - Users should be able to view already loaded photos offline
  - User information must be updated within 1 second after submitting under normal network conditions
  - User must be successfully logged in with 1 second of entering the correct information and clicking login under normal network conditions

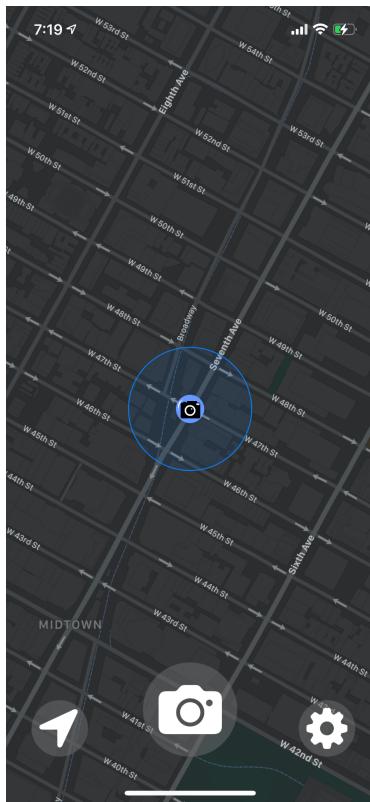
- Screenshots
  - Login Page



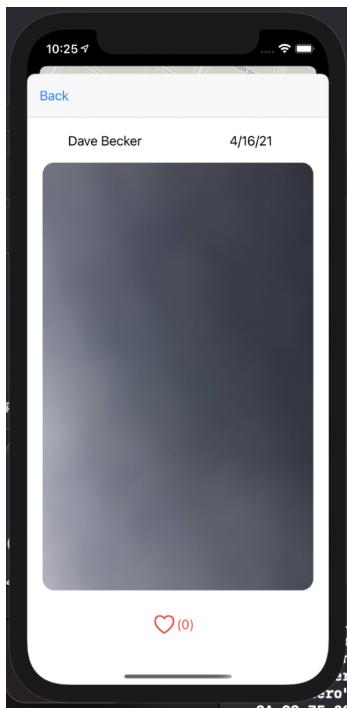
- Login Successful



- Map View



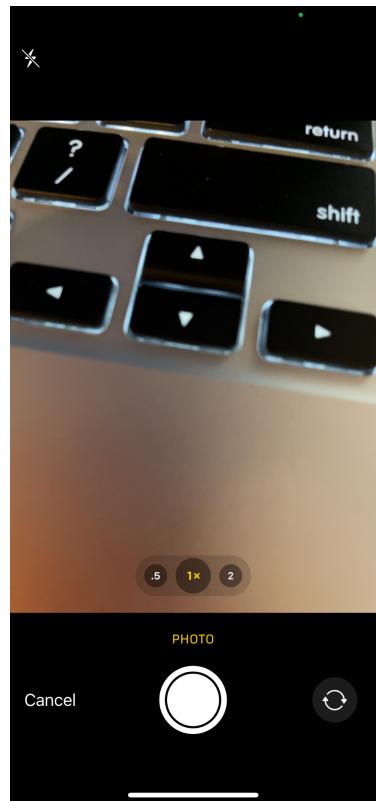
- Photo Unliked View



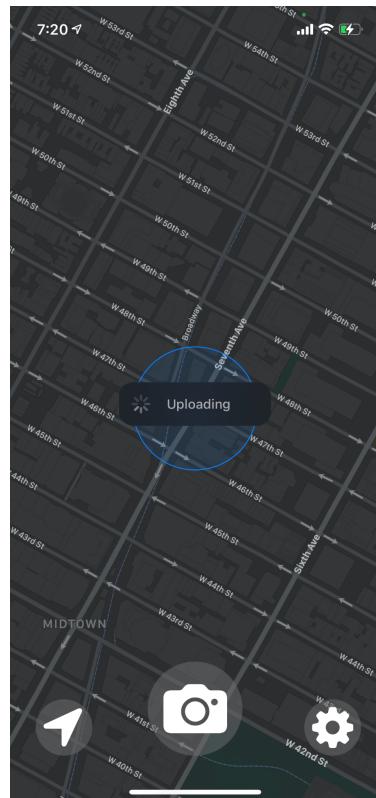
- Photo Liked View



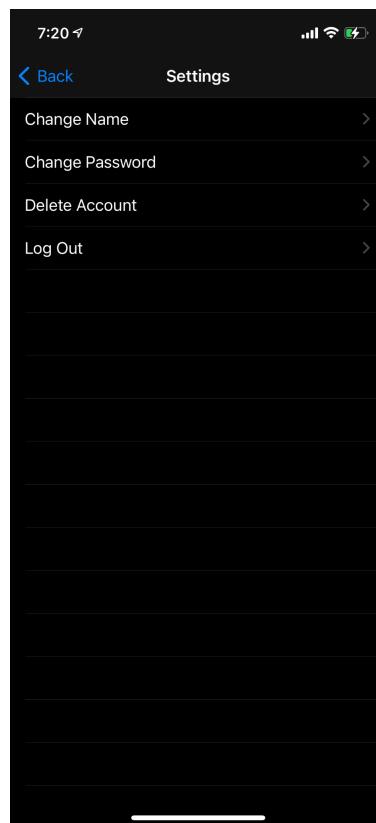
○ Camera View



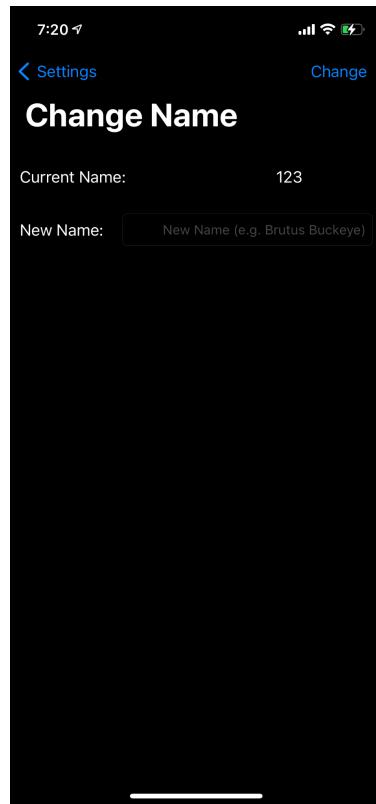
○ Uploading Photo



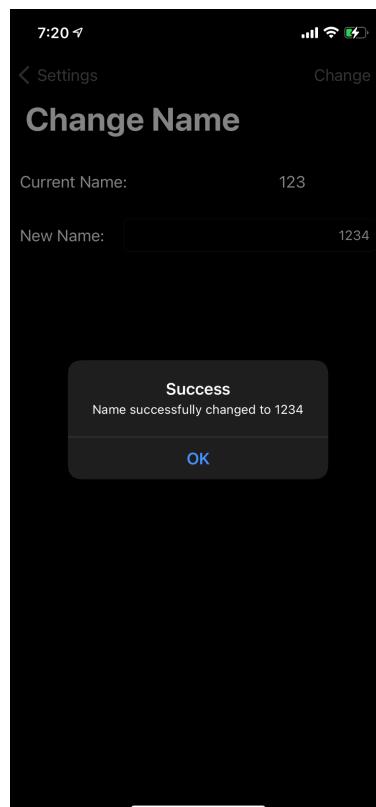
○ Settings View



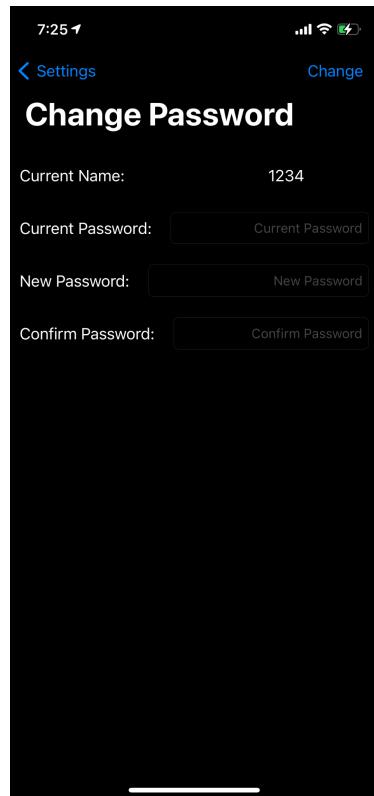
○ Change Name



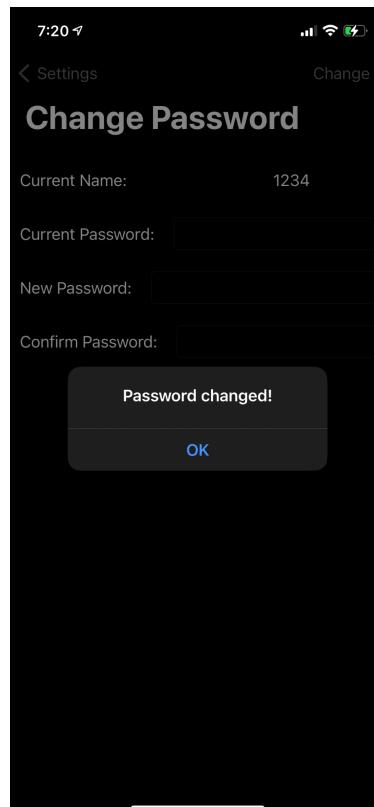
- Successful Name Change



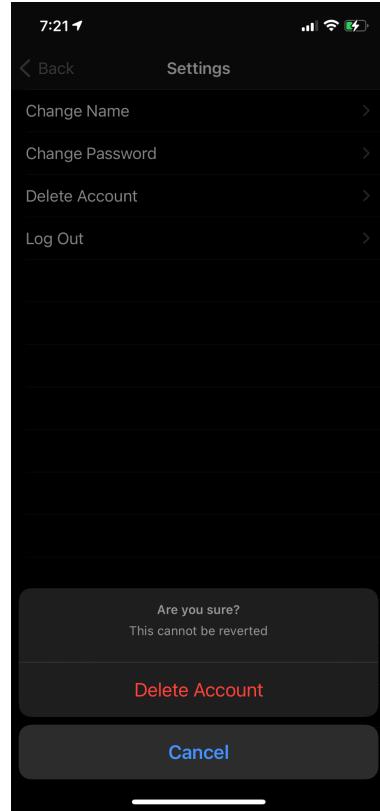
- Change Password



- Successful Password Change



- Delete Account



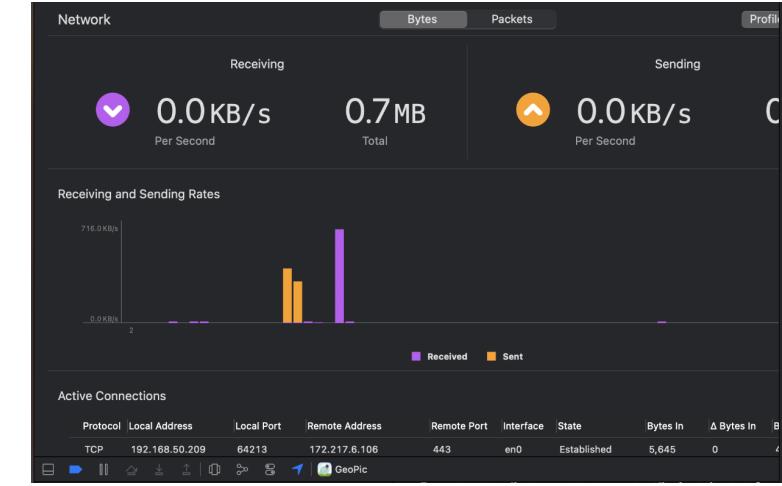
- Profiler screenshots

- Screenshots are taken from the exact same task: opening app, logging in, uploading a pin, then deleting that pin.
- Network profiler from checkpoint 5



- Total of 6.5MB of data transferred
- Pin upload would take about 10 seconds

- Network profiler from checkpoint 6



- Total of 0.7MB of data transferred
- Pin upload takes about 3 seconds
- As you can see, our app is much more optimized in its usage of network data. This meets our NFR: “Pins must be uploaded in under 5 seconds under normal network conditions”