**🔑 Login Process (intended design)**

1. **User clicks the 👤 Sign In button** (top-right).
   * If not signed in → trigger Firebase Auth popup (Google provider to start).
   * If already signed in → clicking it signs them out instead.
2. **Firebase popup** (from Google Auth provider) handles credential selection.
   * User picks their Google account, approves the app.
3. **onAuthStateChanged fires** when the auth state changes:
   * If signed in → the button flips to **👤 Sign Out** and optionally shows the user’s email in the tooltip/title.
   * If signed out → the button flips back to **👤 Sign In**. **<TLikes> At sign in the users Display Name is pulled from Firebase and the button is labeled with it – In my case the button would say “Travis Likes”. Above the button would be a small “Sign Out” indicator. Then auth would check the settings/username field and if there is a username present, write that username to the ‘username’ box in Flicklet/settings, and put a welcome note on the left side of the header that has username and a snarky message underneath. If there’s no username present the system prompts “what should we call you?”. When the user enters a name, it’s written to firebase settings/username, flicklet settings/username and put on the front page with a snarky message.**
4. **No modal UI** beyond the popup itself.
   * We’re not building a full login form or registration flow.
   * Just popup auth → toggle state.
5. **Optional future additions** (not required for “production ready”):
   * Store/watchlist synced to Firebase per user. **<This is required for production or users cannot keep their lists or change devices>**
   * User’s avatar next to the button.
   * Gated features (like saving custom lists) behind “signed in.”

ERRORS:

debug-utils.js:34 ❌ loadUserDataFromCloud still not available after emergency functions

error @ debug-utils.js:34

(anonymous) @ syntax-fix.js:32

setTimeout

(anonymous) @ syntax-fix.js:27

(anonymous) @ syntax-fix.js:42

debug-utils.js:34 ❌ addToList still not available after emergency functions

error @ debug-utils.js:34

(anonymous) @ syntax-fix.js:35

setTimeout

(anonymous) @ syntax-fix.js:27

(anonymous) @ syntax-fix.js:42

debug-utils.js:34 ❌ Failed to create user database entry: TypeError: firebase.firestore is not a function

at Object.processUserSignIn (app.js:351:31)

at auth.js:44:30

at next (auth.ts:358:5)

at auth\_impl.ts:600:24

error @ debug-utils.js:34

processUserSignIn @ app.js:362

(anonymous) @ auth.js:44

next @ auth.ts:358

(anonymous) @ auth\_impl.ts:600

Promise.then

registerStateListener @ auth\_impl.ts:600

onAuthStateChanged @ auth\_impl.ts:442

onAuthStateChanged @ auth.ts:180

window.onAuthStateChanged @ firebase-init.js:30

initAuthBridge @ auth.js:22

(anonymous) @ auth.js:57

debug-utils.js:34 ❌ loadUserDataFromCloud function not available

error @ debug-utils.js:34

processUserSignIn @ app.js:391

(anonymous) @ auth.js:44

next @ auth.ts:358

(anonymous) @ auth\_impl.ts:600

Promise.then

registerStateListener @ auth\_impl.ts:600

onAuthStateChanged @ auth\_impl.ts:442

onAuthStateChanged @ auth.ts:180

window.onAuthStateChanged @ firebase-init.js:30

initAuthBridge @ auth.js:22

(anonymous) @ auth.js:57

app.js:507 ❌ Firestore read failed: Error: Firestore not available

at Object.settingsDoc (app.js:494:15)

at Object.readSettings (app.js:502:33)

at Object.processUserSignIn (app.js:416:39)

at auth.js:44:30

at next (auth.ts:358:5)

at auth\_impl.ts:600:24

readSettings @ app.js:507

processUserSignIn @ app.js:416

(anonymous) @ auth.js:44

next @ auth.ts:358

(anonymous) @ auth\_impl.ts:600

Promise.then

registerStateListener @ auth\_impl.ts:600

onAuthStateChanged @ auth\_impl.ts:442

onAuthStateChanged @ auth.ts:180

window.onAuthStateChanged @ firebase-init.js:30

initAuthBridge @ auth.js:22

(anonymous) @ auth.js:57

favicon.ico:1 GET https://deploy-preview-3--flicklet.netlify.app/favicon.ico 404 (Not Found)