**Well-Architected Code Hygiene Report**

**Target:** /frontend/src/components/auth**Scope:** All files and subdirectories (excluding tests and third-party code)

**1. Unused Code**

* **AuthForm.tsx**
* *Lines 8-10*:
* **Unused Imports:** Dialog, DialogContent, DialogTitle
* *These imports are never referenced in the file.*
* *Lines 32-34*:
* **Unused Constants:** CLIENT\_ID, ISSUER, AUTHORIZATION\_ENDPOINT
* *Defined but not used anywhere in the component.*
* *Line 278*:
* **Unused Destructured Variable:** setFieldValue
* *Destructured from Formik but not used.*
* *Lines 312-314*:
* **Unused State:** showOtpField, setShowOtpField
* *State variable and setter are never referenced.*
* *Lines 316-318*:
* **Unused State:** otpVerified, setOtpVerified
* *State variable and setter are never referenced.*
* **ForgotPasswordModal.tsx**
* *Line 19*:
* **Unused Import:** useFormik
* *Imported but not used in the file.*
* *Lines 69-71*:
* **Unused State:** verificationSent, verificationCode
* *State variables are defined but never referenced.*
* *Lines 122-128*:
* **Unused Function:** handleResendCode
* *Function is defined but never called.*

**2. Unwanted Pages**

* **No unwanted pages detected.**
* All components in this directory are part of the authentication flow and appear to be referenced or imported elsewhere.

**3. Unused Features**

* **AuthForm.tsx**
* *Lines 336-342*:
* **Commented-Out Google Sign-In Block**
* *Legacy or experimental code for Google OAuth, not active.*
* *Lines 447-484*:
* **Commented-Out OTP Verification Logic**
* *Feature appears to have been deprecated or postponed.*
* **ForgotPasswordModal.tsx**
* *Lines 132-146*:
* **Unused OTP Verification UI**
* *UI code for OTP input is present but not rendered.*
* *Lines 165-167*:
* **Commented-Out Reset State Functionality**
* *Legacy or experimental code, not active.*

**Summary & Recommendations**

**Summary:**The codebase contains several unused imports, variables, and commented-out feature blocks, particularly around OTP and Google sign-in functionality. No orphaned or unwanted pages were found.**Recommended Next Steps:**

* **Delete** all unused imports, variables, and functions to improve maintainability and reduce bundle size.
* **Remove or archive** commented-out code blocks for deprecated features (e.g., OTP, Google sign-in) to avoid confusion.
* **Refactor** authentication components to ensure only active, necessary logic is present.
* **Document** any feature toggles or future plans for currently commented-out features if they are to be revisited.

**Outcome:**Implementing these recommendations will result in a cleaner, more maintainable, and well-architected authentication module.