Errors and Troubleshooting:

This was one of the more frustrating assignments. Simple in nature, but when I tried to implement it, I encountered numerous issues with dependencies and module resolution. One of the primary errors was related to the useSearchParams function from expo-router, which was undefined and caused the app to crash. Troubleshooting this required a careful review of the correct hooks and ensuring that useLocalSearchParams was used instead.

Additionally, there were challenges with the routing configuration, where paths needed to be meticulously matched to the file structure to avoid "Unmatched Route" errors. Configuring Babel and Metro Bundler also posed difficulties, especially with polyfilling Node.js modules like crypto for the React Native environment. Each step required a detailed approach to debugging, ensuring that the configuration files (babel.config.js, metro.config.js, and app.json) were accurately set up to support the Expo Router and all necessary dependencies.

Style and Design:   
I did no design choices for this assignment leaving it fully blank because it took me 4 hours to get it even functioning.