UI Reviews Summary Deep-dive:

Development Standards:

Naming Convention:

File Name: PascaleCase
Variable Name: camelCase
Directory: kebab-case
CSS & Style: snake_case
Naming Format: [component].[element]-[function-description].[extension]

Examples:

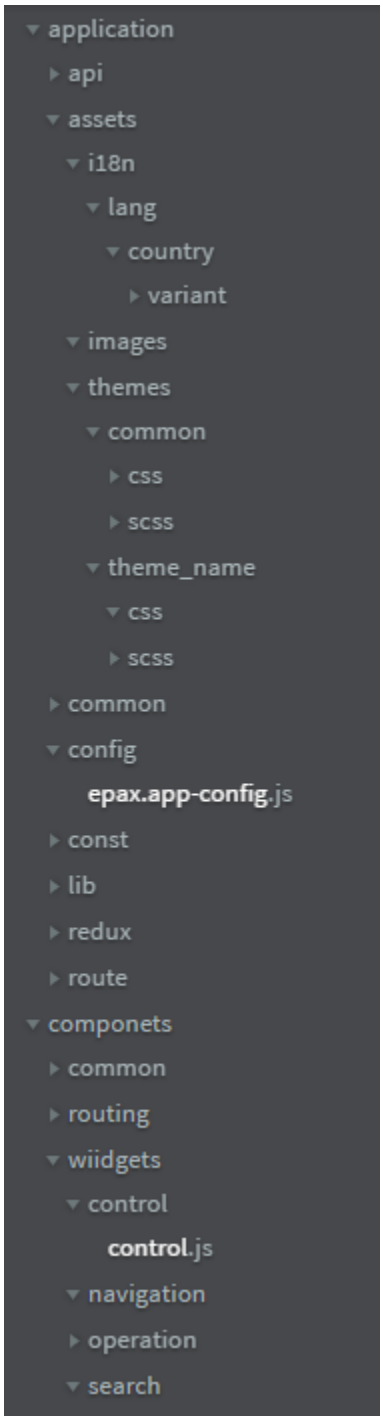
Application level -

epax.app-xyz.js
epax.app-api-proxy.js

Component Level -

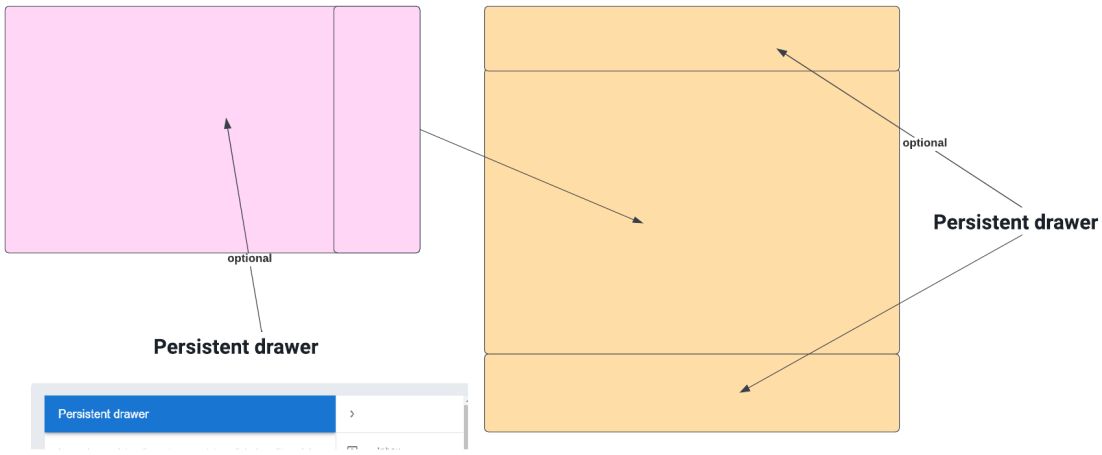
search.widget-context-search.js

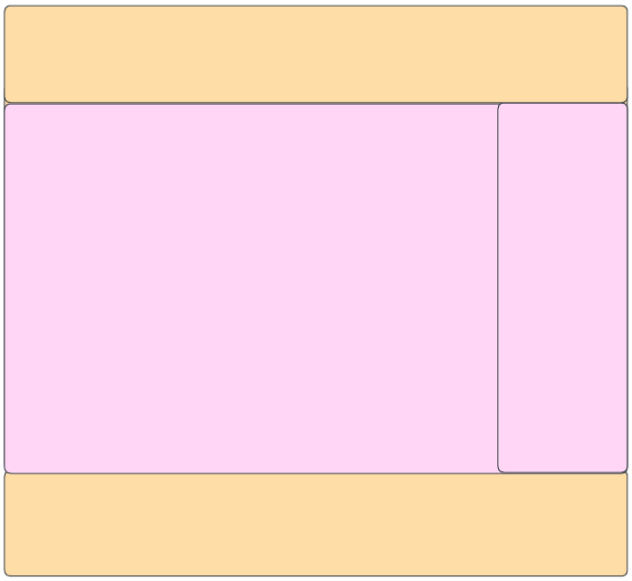
Directory Structure:



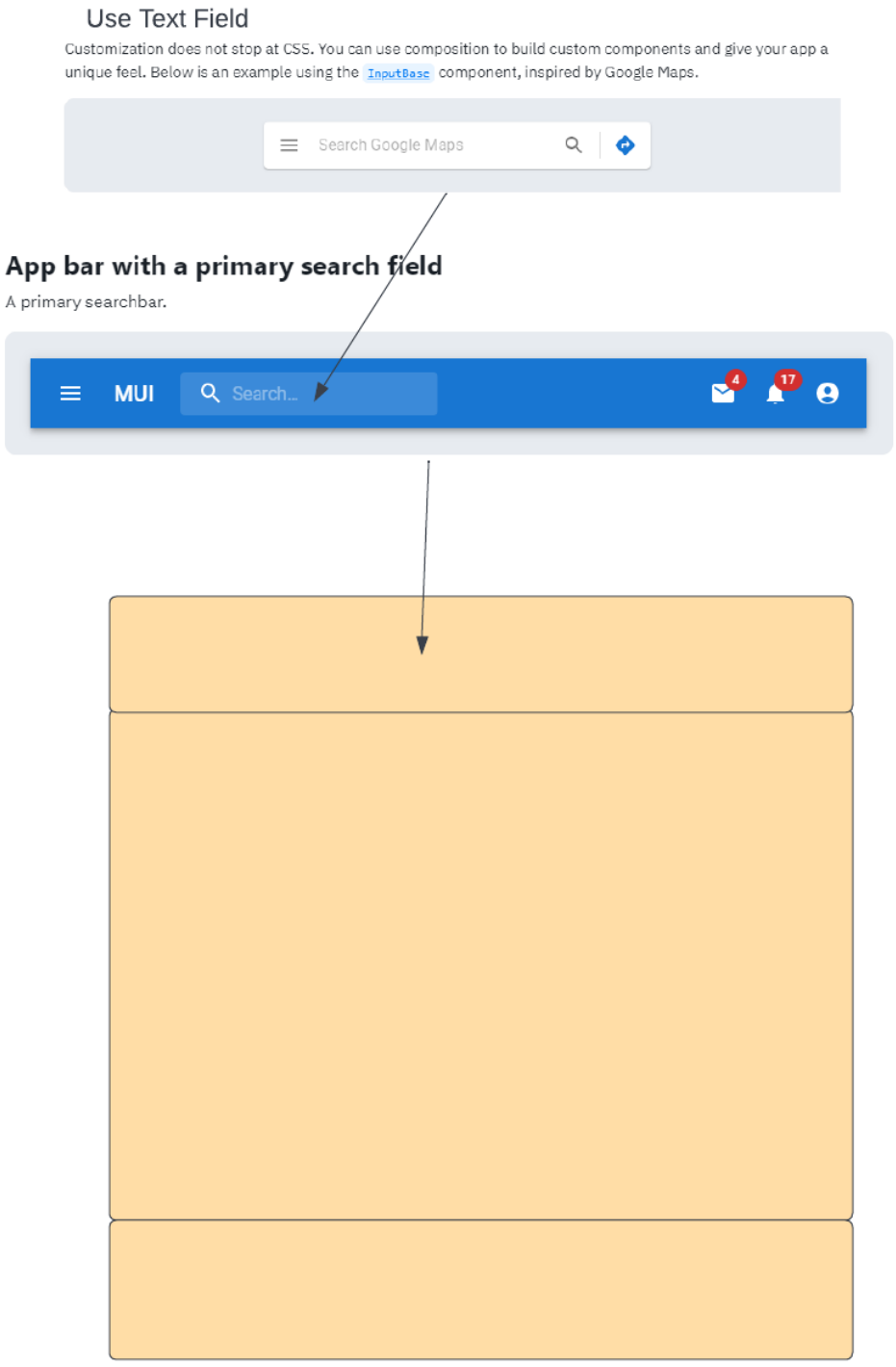
Code Refactoring:

Application Container Implementation - Use MUI Persistent Drawer

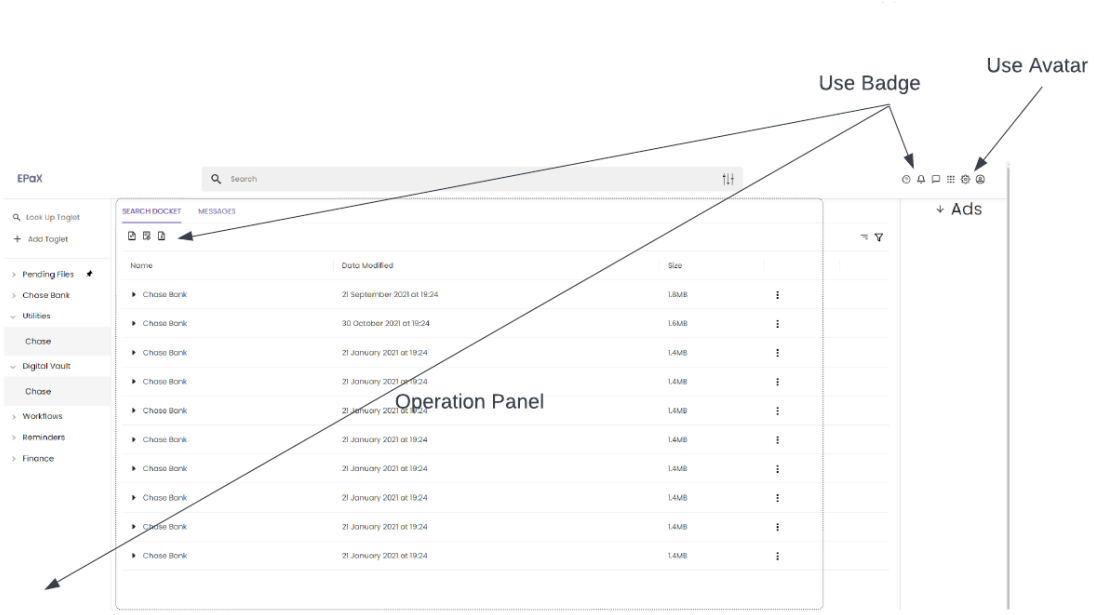




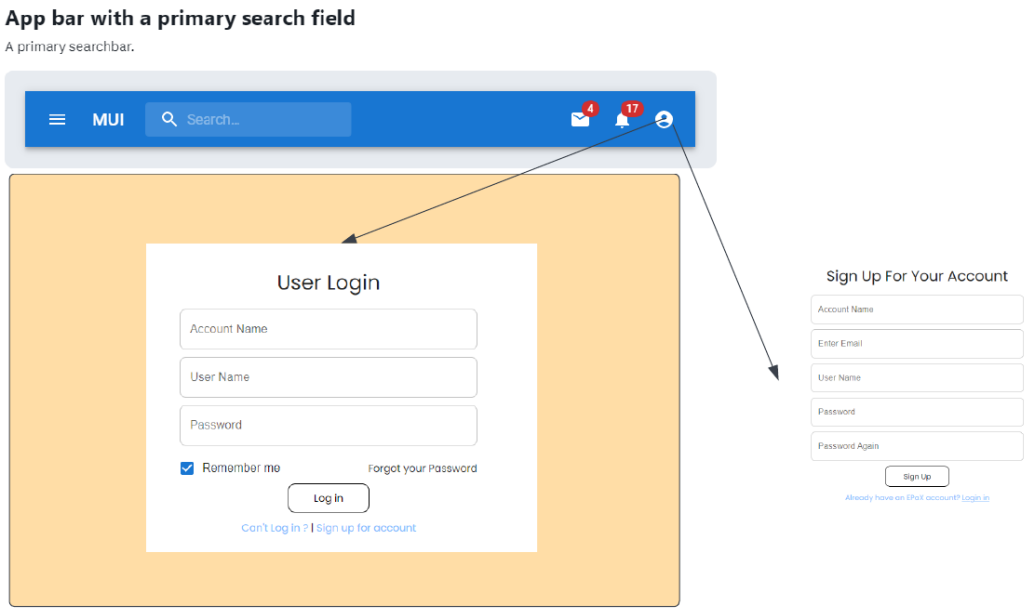
Application Identity, Search Widget Implementation - Use App Bar and Custom Text Field



Control Widget Implementation - Use Badge & Avatar

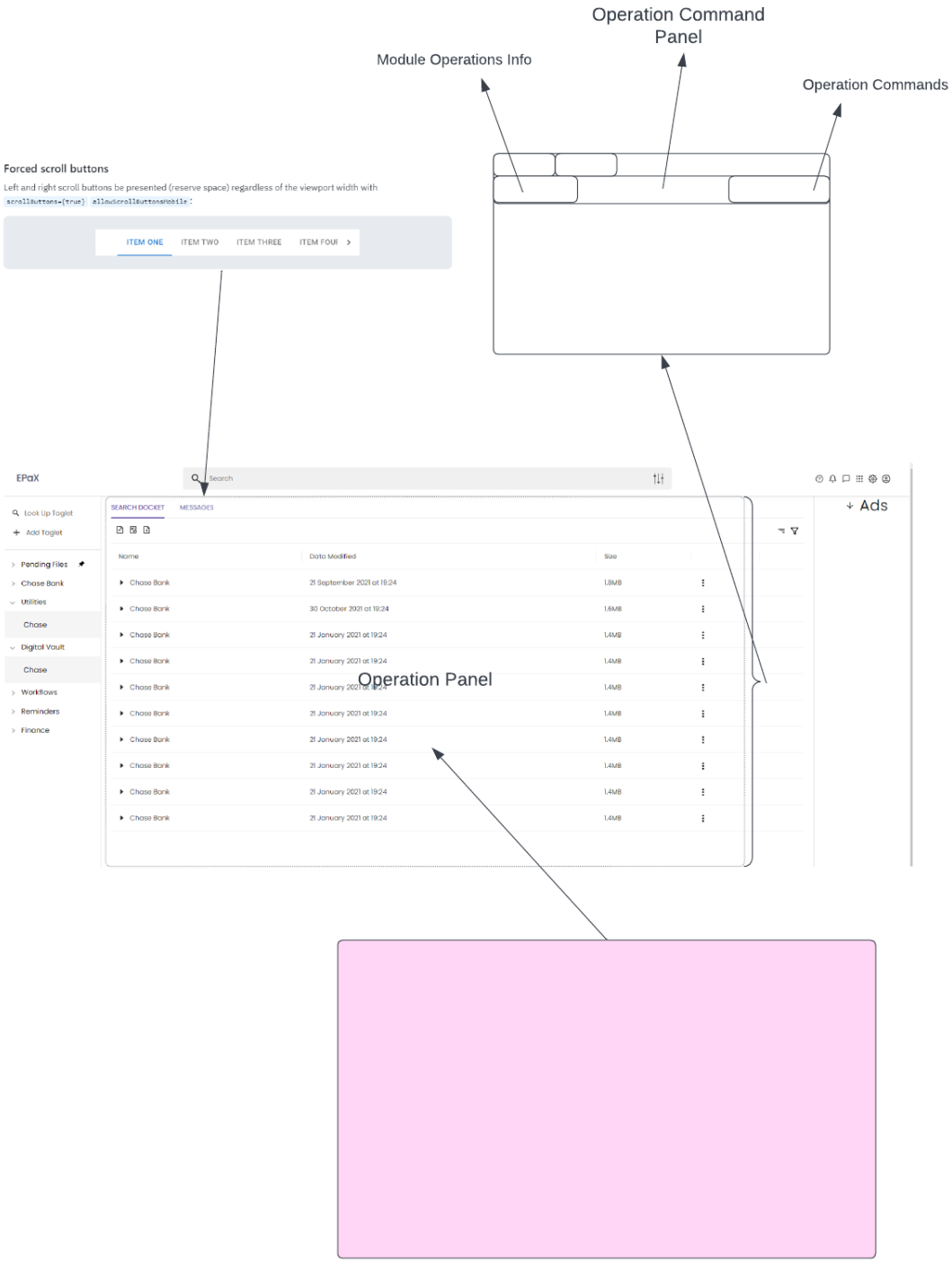


Sign-in Implementation -

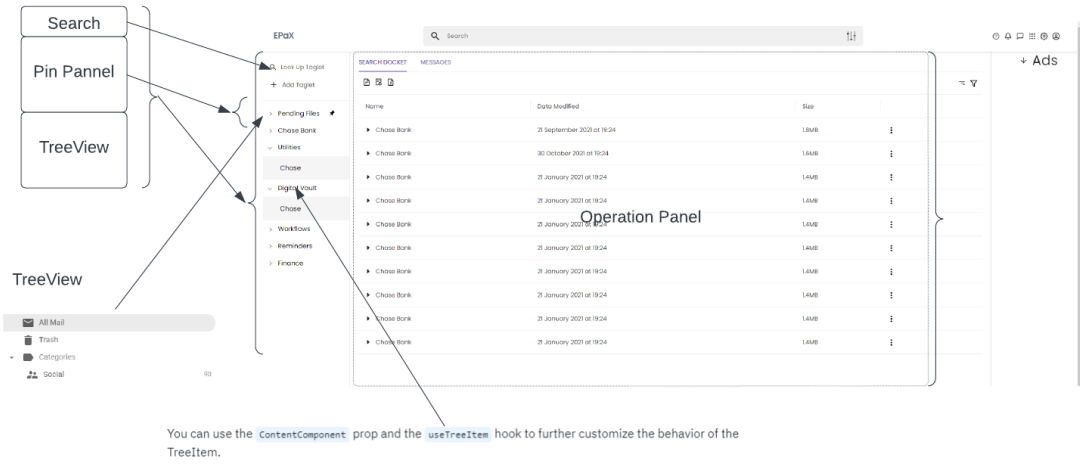


Operation Widget Implementation - Forced Scroll Buttons Tab

Dynamic creation of tab https://gist.github.com/Rahul-RB/273dbb24faf411fa6cc37488e1af2415



Navigation Widget Implementation - Use Containers with three Search Widget, Treeview



Setting Theme using Global Reset -

Dynamically reset the theme

Coordinate Components -

Use react-click-away-listener

https://mui.com/material-ui/react-click-away-listener/

Adapting Mediator Pattern Library for component communication

https://www.dofactory.com/javascript/design-patterns/mediator
https://www.npmjs.com/search?q=mediator%20design%20pattern

Create Central API Proxy Script

Create Constant Text Script

All Code should be driven off stubbed data - > Use API Proxy