

File Structure:

react-modularity-assignment/

├── node_modules/

├── public/

├── src/

│ ├── components/

│ ├── Header.js

│ ├── Footer.js

│ ├── ContentA.js

│ ├── ContentB.js

│ └── SharedComponents.js

│ ├── App.js

│ └── index.js

└── package.json

Component Hierarchy:

App Component:

It includes the Header, ContentA, ContentB, and Footer components.

Header Component:

Displays the header section.

Footer Component:

Displays the footer section.

ContentA Component:

Displays the content specific to A.

Button Component:

Shared button component used within ContentA.

ContentB Component:

Displays the content specific to B.

Button Component:

Shared button component used within ContentB.

Default Exports/Imports:

Used for Header and Footer components. These components are unique and only one of each is required.

Named Exports/Imports:

Used for ContentA, ContentB, and Button components. These components are designed to be reused or exported multiple times.