Objective:

This report provides a brief overview of the file structure, component hierarchy, the choice between default and named exports/imports, and includes instructions on how to run the application

File Structure (Revised):

react-modularity-assignment/

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├── src/

│ ├── components/

│ │ ├── Header.js

│ │ ├── Footer.js

│ │ ├── ContentA.js

│ │ ├── ContentB.js

│ │ └── SharedComponents/

│ │ └── Button.js

│ │

│ ├── App.js

│ └── App.css

│

├── README.md

└── package.json

Changes Made:

* Introduction of Subdirectory for Shared Components:
* Created a subdirectory named SharedComponents within the components directory.
* Moved the Button.js file, which contains the shared Button component, into this subdirectory.

Component Hierarchy:

* `App.js`: Main component of the application, responsible for rendering other components.
* `Header.js`: Component for the header section.
* `Footer.js`: Component for the footer section.
* `ContentA.js`: Component for displaying content A.
* `ContentB.js`: Component for displaying content B.
* ‘SharedComponents.js`: Contains shared components like the Button component.

Choice Between Default and Named Exports/Imports:

* Default exports are used for `Header`, `Footer`, `ContentA`, and `ContentB` components as they represent the main exports of their respective files.
* Named exports are used for the `Button` component in `SharedComponents.js` to allow importing it specifically by name in other files.

Errors Encountered:

During the implementation of the button feature, an error was encountered where the buttons did not successfully import from the SharedComponents.js to App.js. It could not be resolved.

GitHub Repository Link:

<https://github.com/Aki047/AD-320> Week 6/React Application

Instructions to Run the Application:

1. Clone the repository to your local machine.

2. Navigate to the project directory in your terminal.

3. Run `npm install` to install dependencies.

4. Run `npm start` to start the development server.

5. Open your web browser and navigate to `http://localhost:3000` to view the application.