JavaScript Files Documentation

# index.js

## Dependencies

* react
* react-dom
* ./App
* ./context/UserContext

## Purpose

Entry point for the React application.

## Functions

1. render(): Renders the App component inside the root DOM element.

# App.js

## Dependencies

* react
* react-router-dom
* ./components/Login
* ./components/ModifyEmployee
* ./components/ProtectedRoute
* ./components/NavBar
* ./components/EmployeeList
* ./components/OvertimeOffers

## Purpose

Defines the main structure of the application, including routes.

## Functions

1. App(): Main function component that sets up routing for the app.

# ProtectedRoute.js

## Dependencies

* react
* react-router-dom
* ../context/UserContext

## Purpose

Ensures that a route is accessible only to authenticated users.

## Functions

1. ProtectedRoute({ component: Component, ...rest }): Checks if the user is authenticated and either renders the component or redirects to login.

# NavBar.js

## Dependencies

* react
* react-router-dom
* ../context/UserContext
* @fortawesome/react-fontawesome
* @fortawesome/free-solid-svg-icons

## Purpose

Displays the navigation bar with links to different parts of the application.

## Functions

1. NavBar(): Main function component that displays navigation links based on user role and authentication status.
2. handleLogout(): Logs out the user and redirects to the login page.

# Login.js

## Dependencies

* react
* axios
* react-router-dom
* ../context/UserContext
* ../styles/Login.css

## Purpose

Provides the login form for the application.

## Functions

1. Login(): Main function component that handles user login.

# CreateOvertimeOffer.js

## Dependencies

* react
* axios
* ../context/UserContext

## Purpose

Provides a form for creating overtime offers.

## Functions

1. CreateOvertimeOffer(): Main function component that handles the creation of overtime offers.
2. handleSubmit(): Submits the overtime offer form data to the server.