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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | **Name of Component** | **Target of Component** | **Props** | **Global State** | **Father Component** | **Children Components** | | --- | --- | --- | --- | --- | --- | | App | Main application wrapper | None | IsLoggedIn, Reducer | None | RouterProvider | | Router | Routing configuration | None | None | App | HomePage, LetterAvatars, Home, About, NavBar, RecipeDetails, RecipesList, AddRecipeWrapper | | AppLayout | Layout for the application | None | None | Router | Outlet, HomePage, NavBar | | HomePage | User interaction & login/signup | None | IsLoggedIn | AppLayout | Login, UserAvatar, UserUpdateForm, Error | | NavBar | Navigation menu | None | IsLoggedIn | AppLayout | None | | RecipeDetails | Display details of a specific recipe | None | Recipes (from Redux) | RecipesList | None | | RecipesList | List of recipes | None | Recipes (from Redux) | AppLayout | Recipe (via Outlet) | | AddRecipeWrapper | Wrapper for adding a recipe | None | None | RecipesList | AddRecipe | | AddRecipe | Form to add a new recipe | addToList (function) | Reducer | AddRecipeWrapper | None | | UserAvatar | Display user avatar | None | Reducer | HomePage | None | | UserUpdateForm | Form to update user information | updateForm, closeForm | Reducer | HomePage | None | | Error | Display error messages | None | ErrorMessage (from Redux) | HomePage | None | | Login | Login modal | state, Close, showModal | IsLoggedIn, Reducer | HomePage | None | |

Here’s the hierarchy of the components in my React application:

App

│

└──> Router

│

└──> AppLayout

│

├──> HomePage

│ │

│ ├──> Login

│ ├──> UserAvatar

│ ├──> UserUpdateForm

│ └──> Error

│

├──> NavBar

│

└──> RecipesList

│

├──> RecipeDetails

│

└──> AddRecipeWrapper

│

└──> AddRecipe