React

Section-1

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1. Create project with npx create-react-app car-rent
2. Cd car rent
3. Npm start

It opens car-rent project in local host http://localhost:3000/

1. Create folder structure as

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1. Gereksiz folder/file kaldir

App.css, App.test.js, index.css, logo.svg

1. App.js de rafce ile sifirlayalim
2. import React from 'react'
3. const App = () => {
4. return (
5. <div>App</div>
6. )
7. }
8. export default App
9. index.js den

import './index.css';

satirini kaldir.

1. Src altinda api folder yap. Butun axios islemleri yani data cekme burada olacak
2. 1c0h13m:components, helpers, pages, router, store, templates folderlarini src altinda olustur.
3. The structure to follow
4. Assets folder da scss yapA diagram of a company

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5. Basic settings yapalim

helpers/settings.js yap

bu bizim ayar dosyamiz..

1. Styles.scss olustur.(scss folder da)

Icerisinde

/\*LIBRARIES \*/

// bunu index.js de koymak mumkun

@import "bootstrap/scss/bootstrap";

1. \_variables.scss ve \_mixins.scss dosyalarini olsutur

\_mixins icerisine

@mixin reset-list {

  list-style: none;

  padding: 0;

  margin: 0;

}

@mixin flexbox(

  $direction: row,

  $justify-content: flex-start,

  $align-items: flex-start,

  $gap: 0

) {

  display: flex;

  justify-content: $justify-content;

  flex-direction: $direction;

  align-items: $align-items;

  gap: $gap;

}

1. Renk kodlarini ekle(\_variables.scss )

$color1: rgb(123, 0, 145);

$color2: rgb(203, 179, 0);

$color3: rgb(116, 116, 116);

$color4: rgb(237, 237, 237);

$color5: rgb(123, 0, 145, 0.5);

$color6: rgb(203, 179, 0, 0.5);

1. Templates folder da.
2. admin-template.js ve user-template.js dosyalarini olusturalim
3. import React from "react";
4. const AdminTemplate = () => {
5. return <div>AdminTemplate</div>;
6. };
7. export default AdminTemplate;
8. 35dak.

Sayfamizda user ve admini gorecegi kisimlarda ayni olan yerleri templatede tanimlayacagiz. Genelde ust ve alt ayni oldugu icin buralarda header ve footer component olusturarak yapabiliriz. Bunun icin component altinda admin, user, common folder olusturalim. Admin componnetleri admin folder …

Bunlarin altina web de ki her sayfa icin bir folder yapacagiz. Yani user un kullanacagi sayfalarin her biri icin bir folder var ve. Bu sayfalarin ortak componentleri icinde footer ve common folder var.

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Dak 36

A screenshot of a computer

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1. header ve footer folderlarda header.js ve footer.js oluturalim

import React from "react";

const Header = () => {

  return <div>Header</div>;

};

export default Header;

import React from "react";

const Footer = () => {

  return <div>Footer</div>;

};

export default Footer;

1. Header ve Footer componentler UserTemplate component ekle

import React from "react";

import Header from "../components/user/common/header/header";

import Footer from "../components/user/common/footer/footer";

const UserTemplate = () => {

  return (

    <>

      <Header />

      <Footer />

    </>

  );

};

export default UserTemplate;

1. childeren arg user template ekle

import React from "react";

import Header from "../components/user/common/header/header";

import Footer from "../components/user/common/footer/footer";

const UserTemplate = ({ childeren }) => {

  return (

    <>

      <Header />

      {childeren}

      <Footer />

    </>

  );

};

export default UserTemplate;

boylelikle UserTemplate ile sarmalladigimiz hersey Header ve Footer arasina koyulabilir. Her yerde Header ve Footer import etmeye gerek kalmayacak

1. pages folder git ve admin, user, common folderlari olustur.

Pages ile components yapisi ayni cunku burada her page karsilik gelen componentler olacak

1. Dikkat edilirse pages ile component yapisi ayni olur
2. User icerine homepage.js yap ve App.js HomePage component ekle

import React from "react";

import HomePage from "./pages/user/home-page";

const App = () => {

  return (

    <>

      <HomePage />

    </>

  );

};

export default App;

1. Homepage component git ve bunu usertemplate ile sarmalla

import React from "react";

import UserTemplate from "../../templates/user-template";

const HomePage = () => {

  return <UserTemplate>HomePage</UserTemplate>;

};

export default HomePage;

1. Ve app son hali
2. A white background with black text

   Description automatically generated48m Simdi sayfalarimizi olusturacagiz. about-page.js olusturalim, contact-page.js, vehicles-page.js,vehicles-details-page.js,auth-page.js, reservations-page.js, reservation-details-page.js, profile-page.js, privacy-policy-page.js. User icin 10 sayfa oldu.

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import React from "react";

const About = () => {

  return <UserTemplate>About</UserTemplate>;

};

export default About;

import React from "react";

const Auth = () => {

  return <div>Auth</div>;

};

export default Auth;

import React from "react";

const ContactPage = () => {

  return <UserTemplate>ContactPage</UserTemplate>;

};

export default ContactPage;

import React from "react";

const PrivacyPolicyPage = () => {

  return <UserTemplate>PrivacyPolicyPage</UserTemplate>;

};

export default PrivacyPolicyPage;

import React from "react";

import UserTemplate from "../../templates/user-template";

const ProfilePage = () => {

  return <UserTemplate>ProfilePage</UserTemplate>;

};

export default ProfilePage;

import React from "react";

import UserTemplate from "../../templates/user-template";

const ReservationDetailsPage = () => {

  return <UserTemplate>ReservationDetailsPage</UserTemplate>;

};

export default ReservationDetailsPage;

import React from "react";

import UserTemplate from "../../templates/user-template";

const ReservationPage = () => {

  return <UserTemplate>ReservationPage</UserTemplate>;

};

export default ReservationPage;

import React from "react";

import UserTemplate from "../../templates/user-template";

const VehicleDetailsPage = () => {

  return <UserTemplate>VehicleDetailsPage</UserTemplate>;

};

export default VehicleDetailsPage;

import React from "react";

import UserTemplate from "../../templates/user-template";

const VehiclesPage = () => {

  return <UserTemplate>VehiclesPage</UserTemplate>;

};

export default VehiclesPage;

1. Auth page common tasiyalim daha mantikli ve burada asagidaki pageleri olusturalim

A screen shot of a computer

Description automatically generated bu pagelein kodlari

import React from 'react'

const LoadingPage = () => {

  return (

    <div>LoadingPage</div>

  )

}

export default LoadingPage

import React from "react";

import React from "react";

import UserTemplate from "../../templates/user-template";

const NotFoundPage = () => {

  return <UserTemplate>NotFoundPage</UserTemplate>;

};

export default NotFoundPage;

import React from "react";

import UserTemplate from "../../templates/user-template";

const UnauthorizedPage = () => {

  return <UserTemplate>UnauthorizedPage</div>;

};

export default UnauthorizedPage;

1. Router olusturulmasi

custom-routes.js olusturalim ve BrowserRouter ile sarmalla

oncesinde npm i react-router-dom kurmalisin.

import React from "react";

import { BrowserRouter } from "react-router-dom";

const CustomRoutes = () => {

  return <BrowserRouter>CustomRoutes</BrowserRouter>;

};

export default CustomRoutes;

ve dolduralim  
import React from "react";

import React from "react";

import { BrowserRouter, Routes, Route } from "react-router-dom";

import HomePage from "../pages/user/home-page";

import AboutPage from "../pages/user/about-page";

import ContactPage from "../pages/user/contact-page";

import VehiclesPage from "../pages/user/vehicles-page";

import VehicleDetailsPage from "../pages/user/vehicle-details-page";

import UnauthorizedPage from "../pages/common/unauthorized-page";

import PrivacyPolicyPage from "../pages/user/privacy-policy-page";

import AuthPage from "../pages/common/auth-page";

import ProfilePage from "../pages/user/profile-page";

import ReservationPage from "../pages/user/reservation-page";

import ReservationDetailsPage from "../pages/user/reservation-details-page";

import NotFoundPage from "../pages/common/not-found-page";

const CustomRoutes = () => {

  return (

    <BrowserRouter>

      <Routes>

        <Route path="/">

          <Route index element={<HomePage />} />

          <Route path="about" element={<AboutPage />} />

          <Route path="contact" element={<ContactPage />} />

          <Route path="privacy-policy" element={<PrivacyPolicyPage />} />

          <Route path="auth" element={<AuthPage />} />

          <Route path="unauthorized" element={<UnauthorizedPage />} />

          <Route path="vehicles">

            <Route index element={<VehiclesPage />} />

            <Route index=":vehicleId" element={<VehicleDetailsPage />} />

          </Route>

          <Route path="user">

            <Route index element={<ProfilePage />} />

            <Route path="reservations">

              <Route index element={<ReservationPage />} />

              <Route

                path=":reservationId"

                element={<ReservationDetailsPage />}

              />

            </Route>

          </Route>

        </Route>

        <Route path="admin"></Route>

        <Route path="\*" element={<NotFoundPage />}></Route>

      </Routes>

    </BrowserRouter>

  );

};

export default CustomRoutes;

:reservationID gibi tanimlananlarda : isareti bunun degisken oldugunu belirtir.

Yani user/reservations/1234 gecerli bir path dir.

index ise parent in pathinin kullanilcagina gosterir.

ve simdi kullanalim. App.js de HomePage kaldir ve CustomRoutes yerlestir

import React from "react";

import CustomRoutes from "./router/custom-routes";

const App = () => {

  return (

    <>

      <CustomRoutes />

    </>

  );

};

export default App;

1. 1h48m50s Redux state olusturulmasi

A diagram of a basic settings

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1. Store folder da slices ve index.js olustur.slice icerisinde auth-slice.js olsuturalim

npm i @reduxjs/toolkit kuralim

slice olsutur

import { createSlice } from "@reduxjs/toolkit";

// create slice yap

// name

// initial state

// reducer tanimla

// actions olustur

// slice export et

export const authSlice = createSlice({

  name: "auth",

  initialState: {

    isUserLogin: false,

    user: {},

  },

  reducers: {

    loginSuccess: (state, action) => {

      state.isUserLogin = true;

      state.isUserLogin = true;

      state.user = action.payload;

    },

    loginFailled: (state) => {

      state.isUserLogin = false;

      state.user = {};

    },

    logout: (state, action) => {

      state.isUserLogin = false;

      state.user = {};

    },

  },

});

export const { loginSuccess, loginFailled, logout } = authSlice.actions;

export default authSlice.reducer;

slice config yap (store/index.js)

import { configureStore } from "@reduxjs/toolkit";

import authSlice from "./slices/auth-slice";

export default configureStore({

    reducer:{

        auth: authSlice

    }

})

Ve ana index.js de <App> provider icersine al. npm i react-redux kur

import React from "react";

import ReactDOM from "react-dom/client";

import { Provider as StoreProvider } from "react-redux";

import App from "./App";

import reportWebVitals from "./reportWebVitals";

import store from "./store";

const root = ReactDOM.createRoot(document.getElementById("root"));

root.render(

  <React.StrictMode>

    <StoreProvider store={store}>

      <App />

    </StoreProvider>

  </React.StrictMode>

);

// If you want to start measuring performance in your app, pass a function

// to log results (for example: reportWebVitals(console.log))

// or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals

reportWebVitals();