

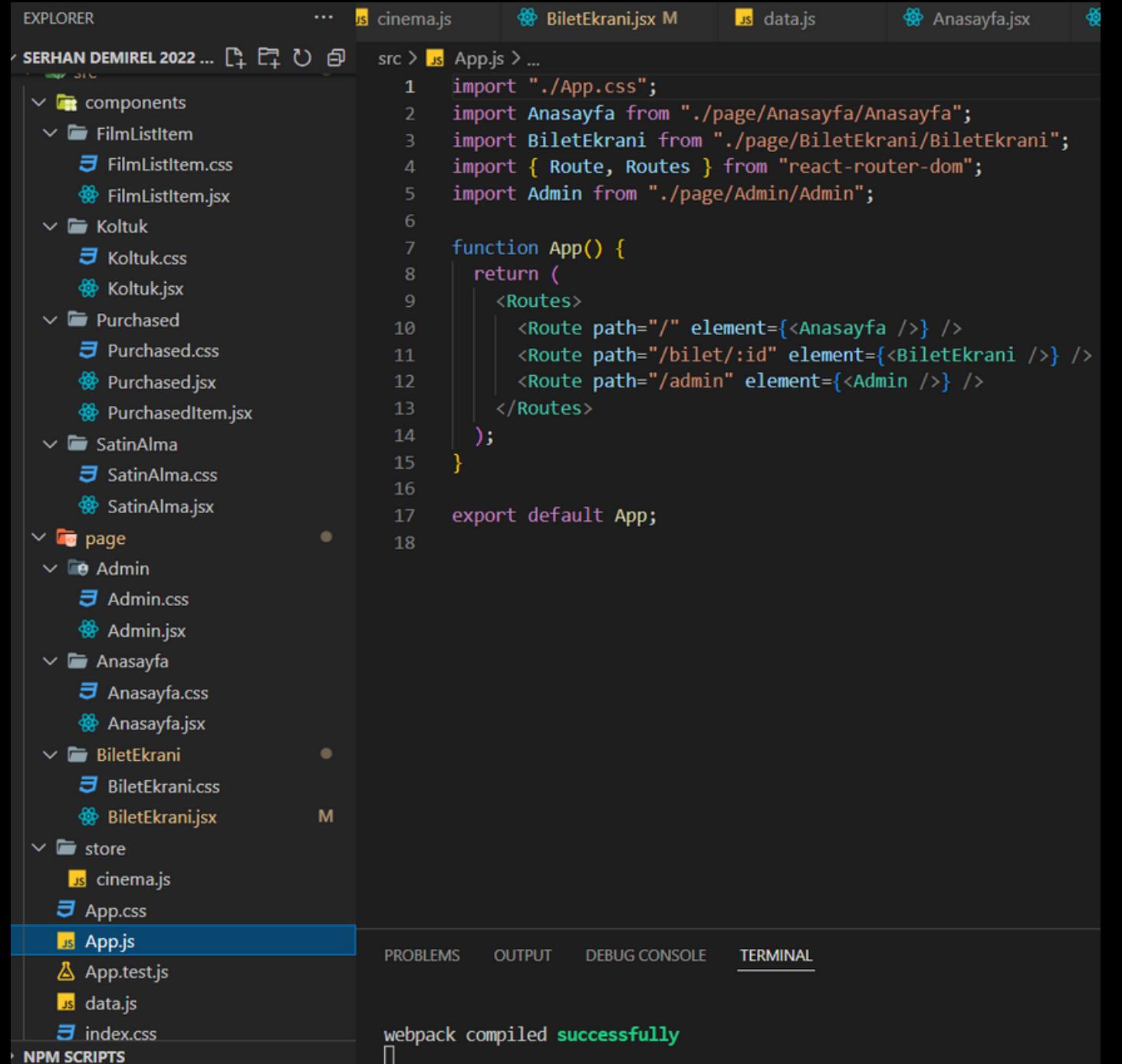
WEB TABANLI PROGRAMLAMA

FINAL ODEVİ

SİNEMA OTOMASYONU

SERHAN DEMIREL 1191602068 BILGISAYAR MUHENDISLİĞİ

BASLANGIC APP.JS

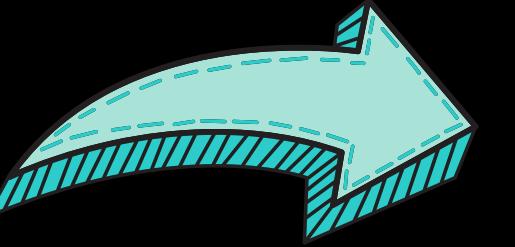


A screenshot of a code editor (VS Code) showing the file structure and content of the App.js file. The file imports components from './App.css' and other pages from './page'. It defines a function App() that returns a `<Routes>` component containing three `<Route>` components with paths '/' (element=Anasayfa), '/bilet/:id' (element=BiletEkranı), and '/admin' (element=Admin). The file concludes with an `export default App;` statement. The code editor also shows other files like cinema.js, BiletEkranı.jsx, data.js, and Anasayfa.jsx in the background.

```
import "./App.css";
import Anasayfa from "./page/Anasayfa/Anasayfa";
import BiletEkranı from "./page/BiletEkranı/BiletEkranı";
import { Route, Routes } from "react-router-dom";
import Admin from "./page/Admin/Admin";

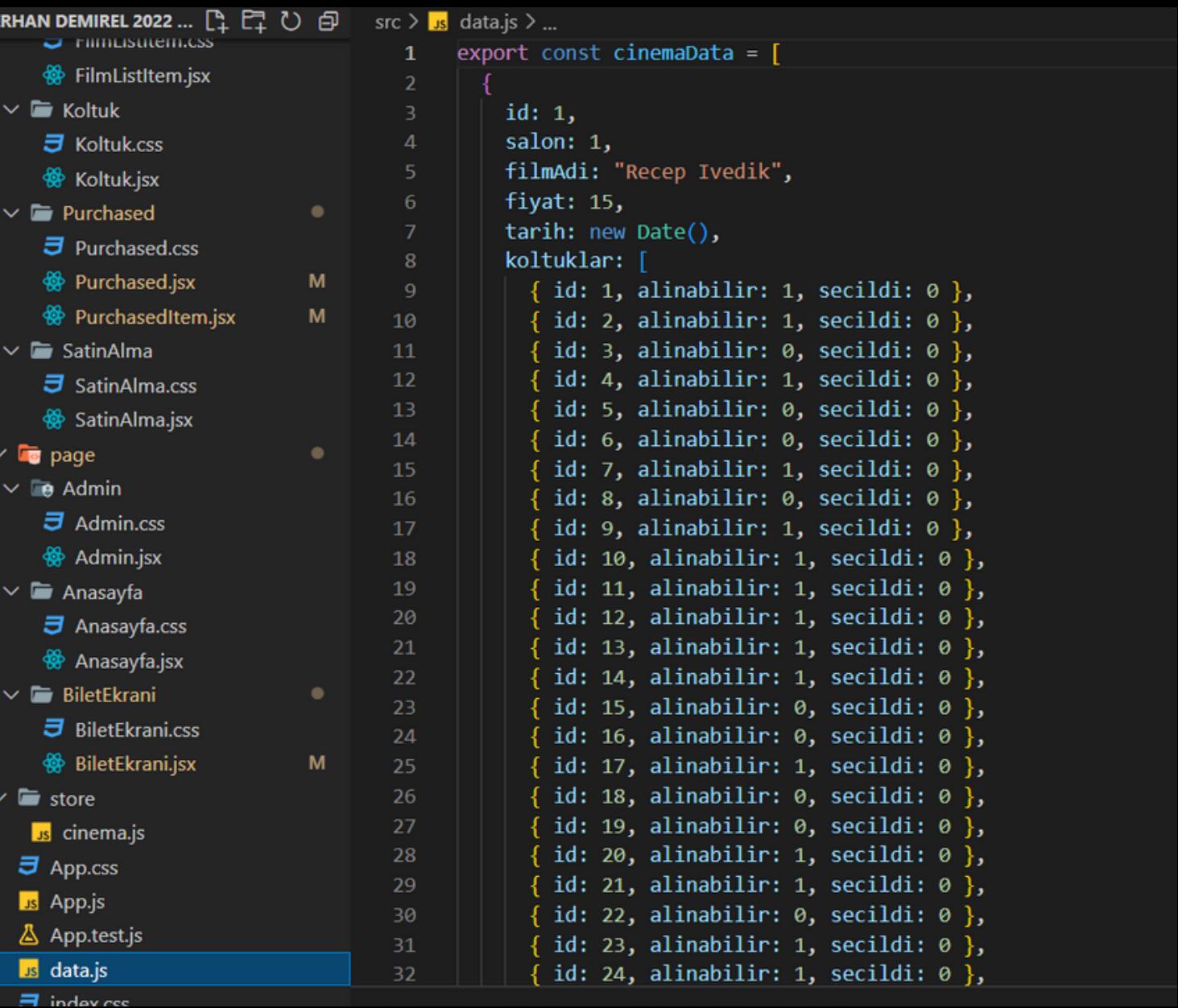
function App() {
  return (
    <Routes>
      <Route path="/" element={<Anasayfa />} />
      <Route path="/bilet/:id" element={<BiletEkranı />} />
      <Route path="/admin" element={<Admin />} />
    </Routes>
  );
}

export default App;
```



Route
kullanmamizin
nedeni page
olusturmak
istememizdir
.Buna path ile
yol verdik

Data.js



The screenshot shows a code editor with a dark theme. On the left is a file tree for a project named "RHAN DEMIREL 2022 ...". The tree includes files like "FilmListitem.css", "FilmListItem.jsx", "Koltuk/Koltuk.css", "Koltuk/Koltuk.jsx", "Purchased/Purchased.css", "Purchased/Purchased.jsx", "PurchasedItem.jsx", "SatinAlma/SatinAlma.css", "SatinAlma/SatinAlma.jsx", "page/Admin/Admin.css", "page/Admin/Admin.jsx", "Anasayfa/Anasayfa.css", "Anasayfa/Anasayfa.jsx", "BiletEkranı/BiletEkranı.css", "BiletEkranı/BiletEkranı.jsx", "store/cinema.js", "store/App.css", "store/App.js", "store/App.test.js", and "store/data.js". The "data.js" file is currently selected and shown in the main editor area.

```
src > data.js > ...
1  export const cinemaData = [
2  {
3    id: 1,
4    salon: 1,
5    filmAdi: "Recep Ivedik",
6    fiyat: 15,
7    tarih: new Date(),
8    koltuklar: [
9      { id: 1, alinabilir: 1, secildi: 0 },
10     { id: 2, alinabilir: 1, secildi: 0 },
11     { id: 3, alinabilir: 0, secildi: 0 },
12     { id: 4, alinabilir: 1, secildi: 0 },
13     { id: 5, alinabilir: 0, secildi: 0 },
14     { id: 6, alinabilir: 0, secildi: 0 },
15     { id: 7, alinabilir: 1, secildi: 0 },
16     { id: 8, alinabilir: 0, secildi: 0 },
17     { id: 9, alinabilir: 1, secildi: 0 },
18     { id: 10, alinabilir: 1, secildi: 0 },
19     { id: 11, alinabilir: 1, secildi: 0 },
20     { id: 12, alinabilir: 1, secildi: 0 },
21     { id: 13, alinabilir: 1, secildi: 0 },
22     { id: 14, alinabilir: 1, secildi: 0 },
23     { id: 15, alinabilir: 0, secildi: 0 },
24     { id: 16, alinabilir: 0, secildi: 0 },
25     { id: 17, alinabilir: 1, secildi: 0 },
26     { id: 18, alinabilir: 0, secildi: 0 },
27     { id: 19, alinabilir: 0, secildi: 0 },
28     { id: 20, alinabilir: 1, secildi: 0 },
29     { id: 21, alinabilir: 1, secildi: 0 },
30     { id: 22, alinabilir: 0, secildi: 0 },
31     { id: 23, alinabilir: 1, secildi: 0 },
32     { id: 24, alinabilir: 1, secildi: 0 },

```

CINEMA JS DEVAMI

SERHAN DEMIREL 2022 REACT SINEMA OT...

src > store > cinema.js

```
51 click: (state, action) => {
52     //state suanki kisim,action cagirinca gelicek kisim payload action icindeki objeler
53     //film id
54     // koltuk id
55
56     let filmId = action.payload.filmId; //once film id sini alcaz
57     let film = state.cinemaData.find((x) => x.id === filmId); // filmi buluyoruz ,xx lambda ifadesi
58     let koltuk = { ...action.payload.koltuk }; // bir koltuga erisiyoruz
59
60     const koltukEskiHali = film.koltuklar.find((x) => x.id === koltuk.id);
61
62     if (koltukEskiHali.alinabilir === 1) {
63         koltuk.secildi = koltukEskiHali.secildi === 0 ? 1 : 0;
64
65         let newKoltukListesi = film.koltuklar.map((x) => {
66             if (x.id === koltuk.id) {
67                 // tıkladığım kisim koltuga eşit ise
68                 let tmp = { ...x, secildi: koltuk.secildi }; //secildi fieldini koltuk.secildi olarak degistir 0 sa 1 1 se 0
69                 return tmp; //guncel halini dondur
70             }
71             return x; // secilmiyosa direk x i dondur
72         });
73
74         film.koltuklar = newKoltukListesi;
75
76         let guncellenmisFilmler = state.cinemaData.map((x) => {
77             if (x.id === film.id) {
78                 let tmp = { ...film };
79                 return tmp;
80             }
81             return x; // tekrar guncelle kismi
82         });
83
84         state.cinemaData = guncellenmisFilmler;
85     }
86 }
87 },
```

NPM SCRIPTS

Tıkladığımız koltugu
gunceller.



BİLET EKRANI

```
import React from "react";
import { useDispatch, useSelector } from "react-redux";
import { useParams } from "react-router-dom";
import Koltuk from "../../components/Koltuk/Koltuk";
import { SatinAlma } from "../../../../components/SatinAlma/SatinAlma";
import { click } from "../../../../store/cinema";
import "./BiletEkrani.css";

const BiletEkrani = () => {
  let params = useParams(); //url deki parametreleri alabilmek icin param.id sadece yani
  let dispatch = useDispatch(); //reduxtaki reducerlara erismek icin.

  const cinema = useSelector((state) => state.cinema.cinemaData.find((i) => i.id === Number(params.id))) // bilet erkaninda olan cinamaya erismek icin sadece

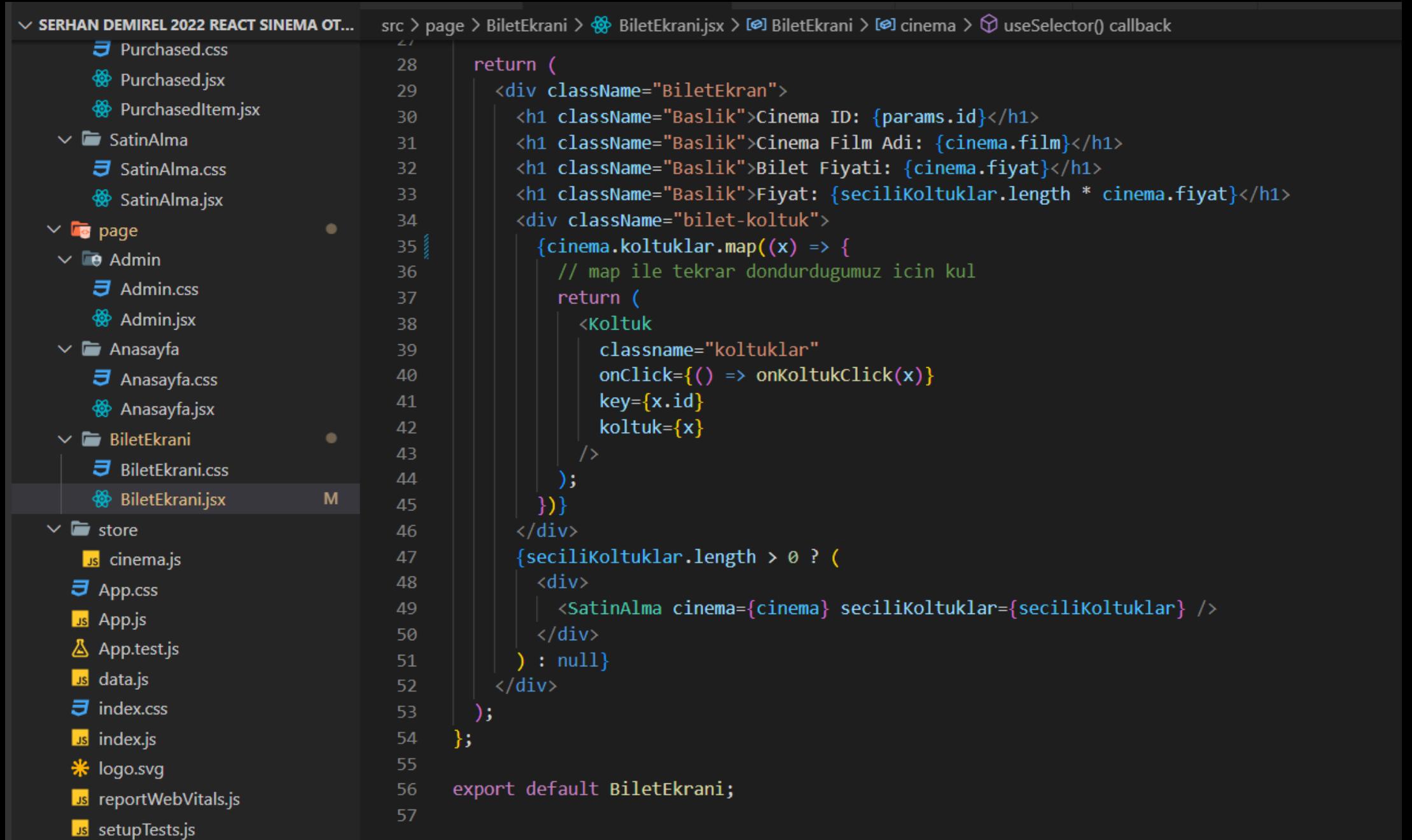
  const seciliKoltuklar = cinema.koltuklar.filter((x) => {
    return x.secildi === 1; // x dedigimiz koltuklar listesinde bir adet koltuk.filter o koltuklari foreach gibi ariyor.x.secildi 1 e esit
  });

  const onKoltukClick = (koltuk) => {
    dispatch(click({ filmId: Number(params.id), koltuk: koltuk })); // verdigimiz parametre
  };
}

export default BiletEkrani;
```

Url' den parametre olarak
verilen id ile sinemayı
buluyoruz ve koltukları
getiriyoruz.

BİLET EKRANI DEVAMI



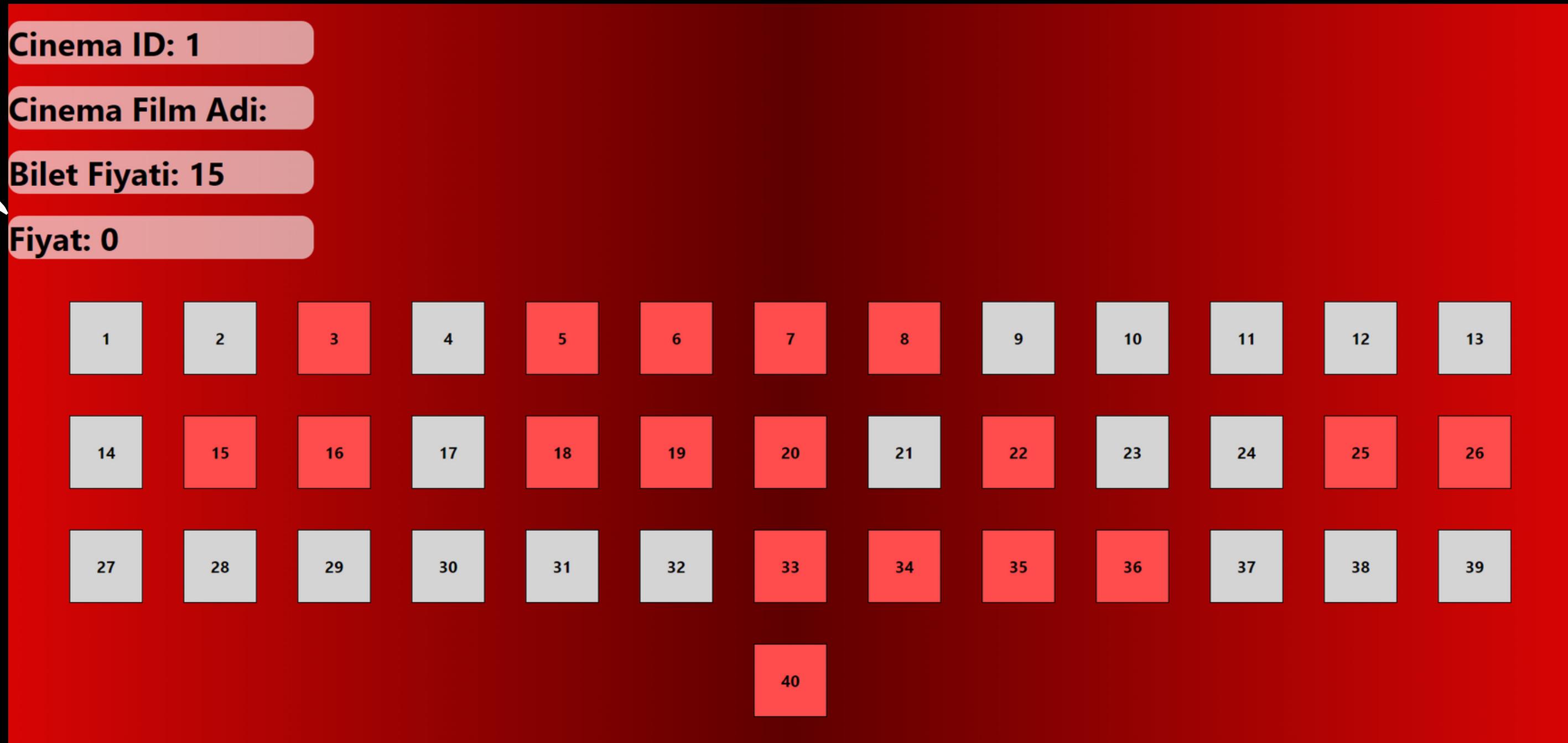
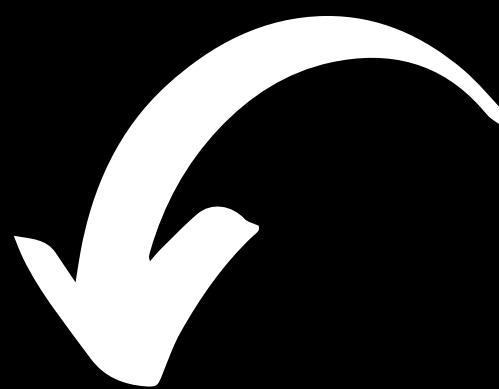
The screenshot shows a code editor with a dark theme. On the left is a file tree for a React application named "SERHAN DEMIREL 2022 REACT SINEMA OT...". The tree includes folders like "src", "page", "Admin", "Anasayfa", "BiletEkranı", and "store", along with various CSS and JS files. The right side of the editor displays the content of the "BiletEkranı.js" file. The code is a functional component named "BiletEkranı" that takes a "params" object and a "cinema" object as props. It renders several

elements with movie details and a element containing a component. The component uses a map function to generate multiple "koltuklar" (seats) based on the "seciliKoltuklar" prop. The code also includes logic to render a "SatinAlma" component if there are selected seats.

```
src > page > BiletEkranı > BiletEkranı.jsx > BiletEkranı > cinema > useSelector() callback
  ↳
28   return (
29     <div className="BiletEkran">
30       <h1 className="Baslik">Cinema ID: {params.id}</h1>
31       <h1 className="Baslik">Cinema Film Adı: {cinema.film}</h1>
32       <h1 className="Baslik">Bilet Fiyati: {cinema.fiyat}</h1>
33       <h1 className="Baslik">Fiyat: {seciliKoltuklar.length * cinema.fiyat}</h1>
34     <div className="bilet-koltuk">
35       {cinema.koltuklar.map((x) => {
36         // map ile tekrar dondurdugumuz icin kul
37         return (
38           <Koltuk
39             className="koltuklar"
40             onClick={() => onKoltukClick(x)}
41             key={x.id}
42             koltuk={x}
43           />
44         );
45       });
46     </div>
47     {seciliKoltuklar.length > 0 ? (
48       <div>
49         <SatinAlma cinema={cinema} seciliKoltuklar={seciliKoltuklar} />
50       </div>
51     ) : null}
52   </div>
53 );
54 };
55
56 export default BiletEkranı;
57
```

Koltukları gösterdik.

Bilet ekrani Görüntüsü



Bilet ekrani gorunumu

ANA SAYFA EKRANI

The screenshot shows a code editor with a dark theme. On the left is a file tree for a React application named 'SERHAN DEMIREL 2022...'. The 'src' directory contains several components and utility files. The 'Anasayfa' folder is expanded, showing 'Anasayfa.css' and 'Anasayfa.jsx'. 'Anasayfa.jsx' is the active file, highlighted with a blue background. The code in 'Anasayfa.jsx' is a functional component that renders a user interface with a button and a dropdown menu. The dropdown menu is styled with 'select' and 'option' tags, and its value is managed by state variables. The code uses hooks like 'useSelector' and 'useNavigate' from the 'useSelector' library.

```
const Anasayfa = () => {
  const cinemaList = useSelector((state) => state.cinema.cinemaData);
  let navigate = useNavigate();
  const [selectedSalon, setSelectedSalon] = useState(1);

  return (
    <div className="Anaekran">
      <div className="admin-btn-div">
        <button className="admin-btn" onClick={() => navigate("/admin")}>
          Admin Panel
        </button>
      </div>

      <select
        defaultValue={1}
        className="select-input"
        onChange={(e) => setSelectedSalon(Number(e.target.value))}>
        <option value={1}>Salon 1</option>
        <option value={2}>Salon 2</option>
        <option value={3}>Salon 3</option>
        <option value={4}>Salon 4</option>
      </select>

      {
        cinemaList
          .filter((x) => x.salon === selectedSalon)
          ?.map((cinema) => { // donecigi her elemani cinema olarak ariyor. Index olarak da siraliyor.
            return <FilmListItem key={cinema.id} cinema={cinema} />;
          })
      }
    </div>
  );
};
```

Salonlari onceden
tanimlayip ,secilen salona
gore filtreledik.

Admin Panel

Salon 1 ▾

Salon no:1

fiyat:15

Recep Ivedik

date: 8 Haziran 2022 21:09



**Ana sayfa
gorunumu**

ADMIN EKRANI



The screenshot shows a code editor interface with a dark theme. On the left is a file tree (left sidebar) and on the right is the code editor area.

File Tree (Left Sidebar):

- SERHAN DEMIREL 2022 ...
 - Purchased.css
 - Purchased.jsx
 - PurchasedItem.jsx
 - SatinAlma
 - SatinAlma.css
 - SatinAlma.jsx
 - page
 - Admin
 - Admin.css
 - Admin.jsx
 - Anasayfa
 - Anasayfa.css
 - Anasayfa.jsx
 - BiletEkranı
 - BiletEkranı.css
 - BiletEkranı.jsx
 - store
 - cinema.js
 - App.css
 - App.js
 - App.test.js
 - data.js
 - index.css
 - index.js

Ana Sayfa

Salon 1 ▾

Recep Ivedik ▾

Recep Ivedik-8 Haziran 2022 21:09

Salon: 1- Fiyat: 15

SERHAN DEMIREL

12\$23142351235

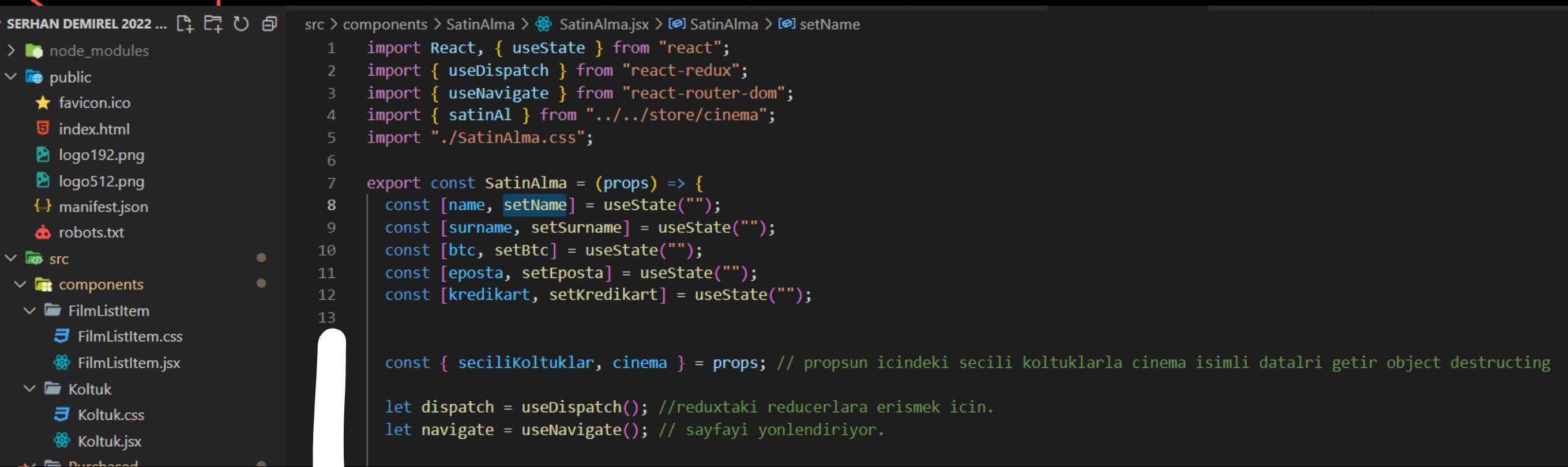
Koltuk No:7

Koltuk No:20

Koltuk No:40

Admin gorunumu

SATINALMA.JSX



```
src > components > SatinAlma > SatinAlma.jsx > SatinAlma > setName
1 import React, { useState } from "react";
2 import { useDispatch } from "react-redux";
3 import { useNavigate } from "react-router-dom";
4 import { satinAl } from "../../store/cinema";
5 import "./SatinAlma.css";
6
7 export const SatinAlma = (props) => {
8   const [name, setName] = useState("");
9   const [surname, setSurname] = useState("");
10  const [btc, setBtc] = useState("");
11  const [eposta, setEposta] = useState("");
12  const [kredikart, setKredikart] = useState("");
13
14  const { seciliKoltuklar, cinema } = props; // propsun icindeki secili koltuklarla cinema isimli datalri getir object destructuring
15
16  let dispatch = useDispatch(); //reduxtaki reducerlara erismek icin.
17  let navigate = useNavigate(); // sayfayı yonlendiriyor.
```

Burda use state leri tanımlıyoruz en basta. Sonrasında props umuzu secili koltuklar ve cinemaya atıyoruz

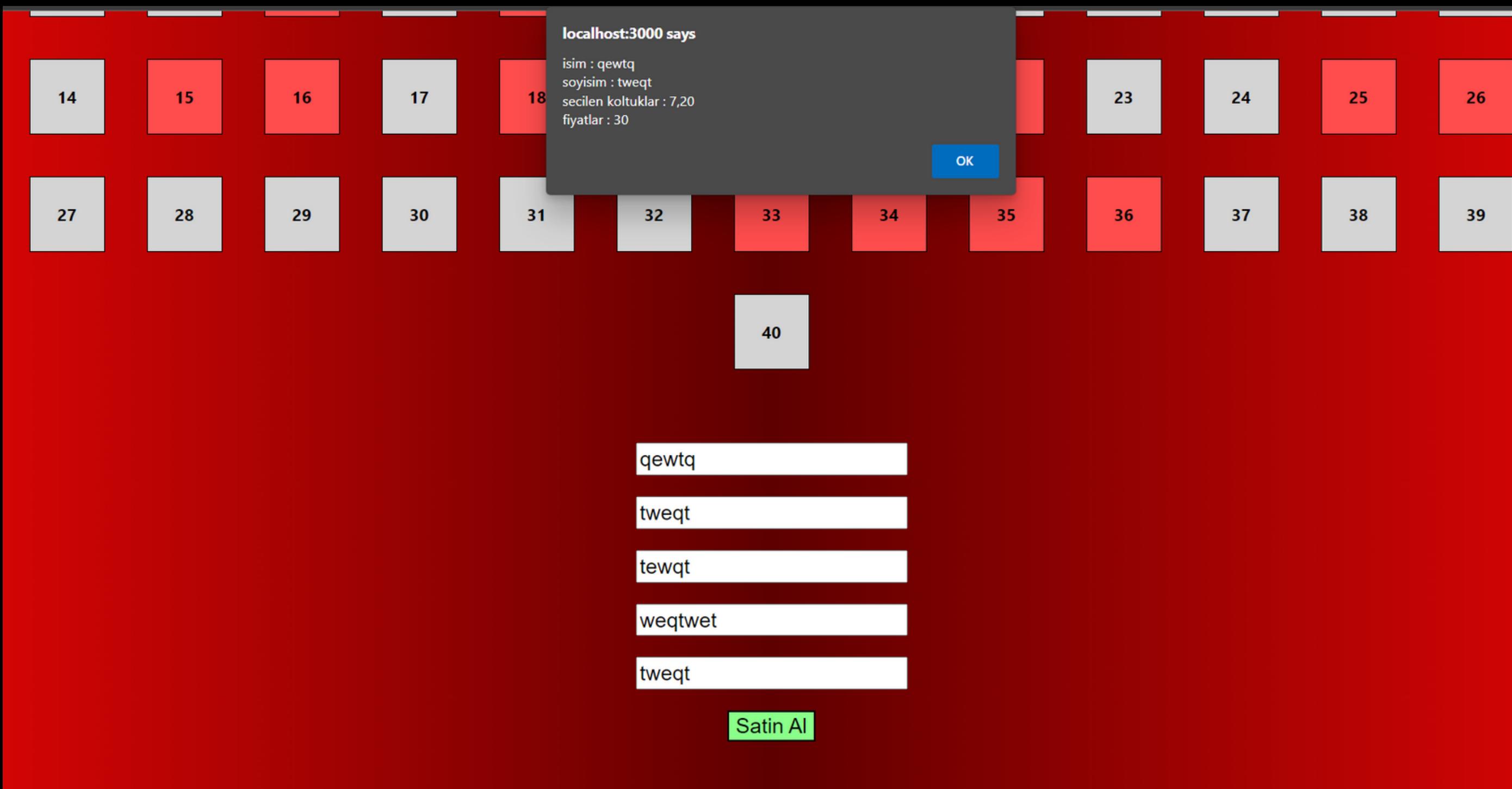
```
node_modules
public
favicon.ico
index.html
logo192.png
logo512.png
manifest.json
robots.txt
src
components
FilmListItem
  FilmListItem.css
  FilmListItem.jsx
Koltuk
  Koltuk.css
  Koltuk.jsx
Purchased
  Purchased.css
  Purchased.jsx
  PurchasedItem.jsx
SatinAlma
  SatinAlma.css
  SatinAlma.jsx
page
Admin
  Admin.css

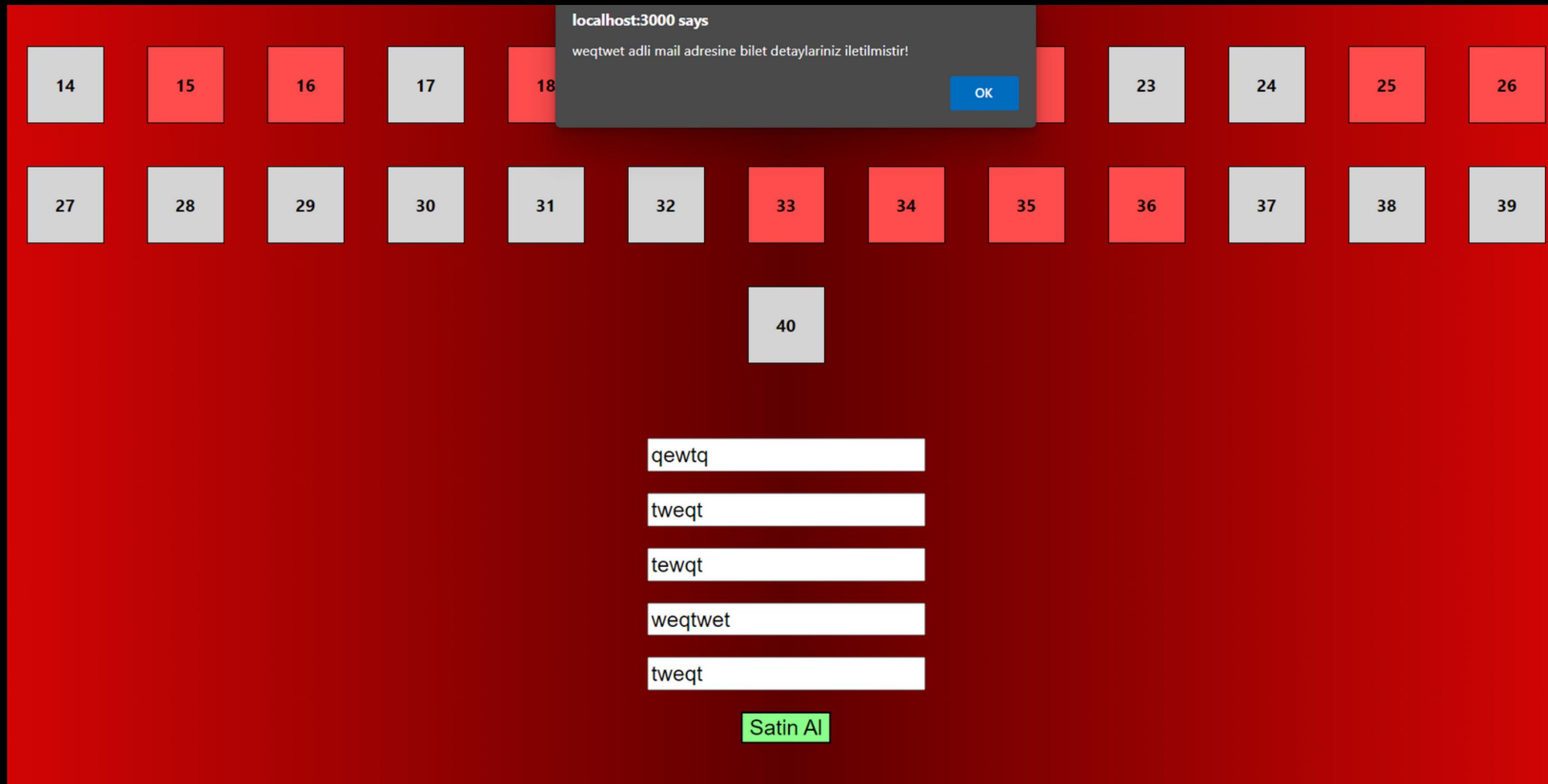
19
20  const satinAlClick = () => {
21    if (name !== "" && surname !== "" && btc !== "" && eposta !== "") {
22      const userDetails = { name, surname, btc, eposta };
23
24      dispatch(
25        satInAl({
26          filmId: cinema.id,
27          koltuklar: seciliKoltuklar,
28          userDetails: userDetails,
29        })
30      );
31      alert(
32        "isim : " +
33        name +
34        "\nsoyisim : " +
35        surname +
36        "\nseçilen koltuklar : " +
37        seciliKoltuklar.map((x) => x.id).join(",") +
38        "\nfiyatlar : " +
39        seciliKoltuklar.length * cinema.fiyat
40      );
41
42      alert(eposta + " adlı mail adresine bilet detaylarınız iletilmiştir!");
43
44      navigate("/");
45    } else {
46      alert("Bos Alan Bırakılamaz!");
47    }
48  
```

```
RHAN DEMIREL 2022 ...
src > components > SatinAlma > SatinAlma.jsx
50  return (
51    <div className="SatinAlma">
52      <input
53        className="inputBox"
54        type="text"
55        placeholder="isim"
56        value={name}
57        onChange={(e) => setName(e.target.value)}
58      />
59      <input
60        className="inputBox"
61        type="text"
62        placeholder="soyisim"
63        value={surname}
64        onChange={(e) => setSurname(e.target.value)}
65      />
66      <input
67        className="inputBox"
68        type="text"
69        placeholder="btc"
70        value={btc}
71        onChange={(e) => setBtc(e.target.value)}
72      />
73      <input
74        className="inputBox"
75        type="text"
76        placeholder="Kredi Kartı"
77        value={eposta}
78        onChange={(e) => setEposta(e.target.value)}
79    </div>

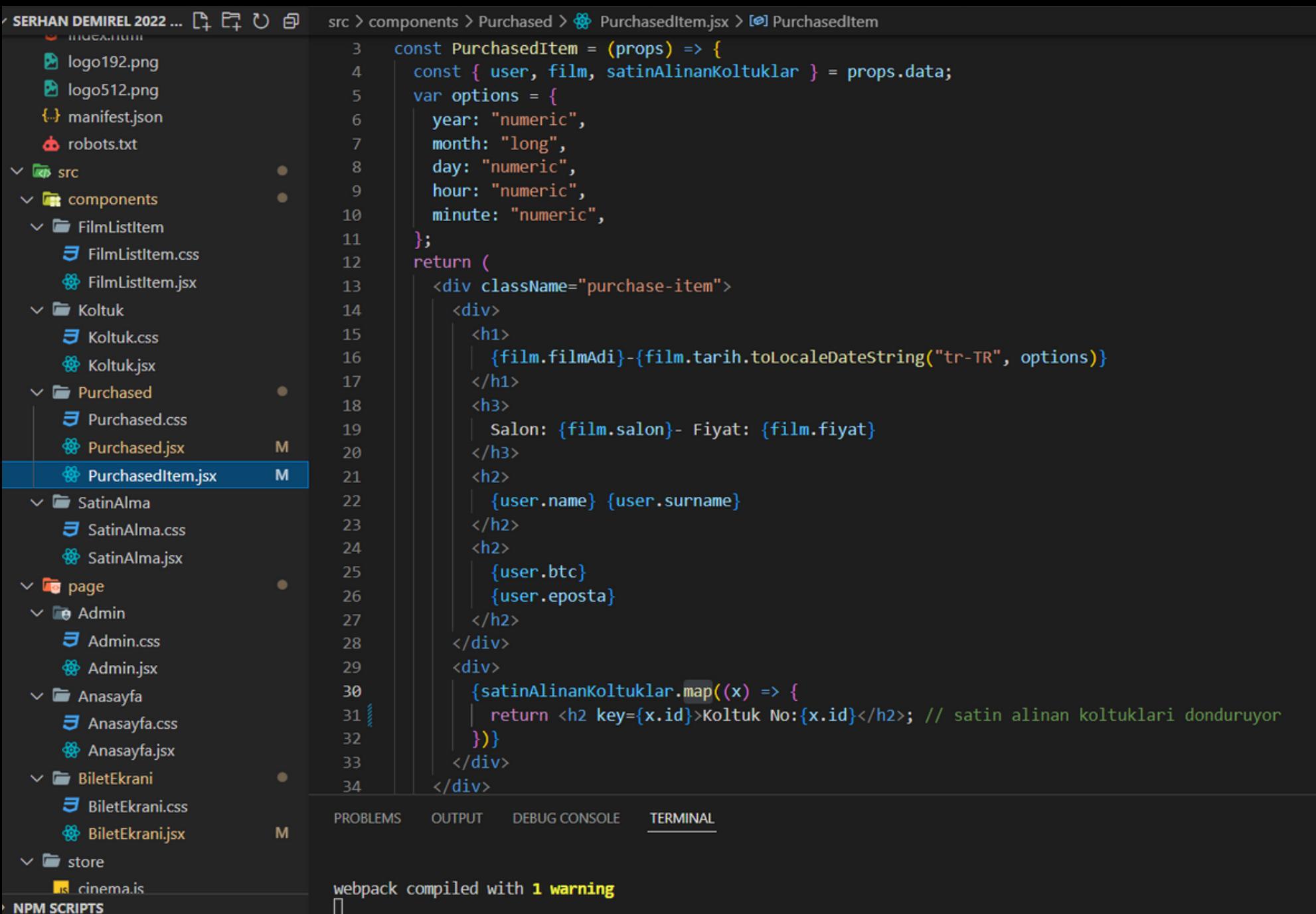
```

Satin alma ekrani ve inputlar





PURCHASEDITEM.JSX



```
const PurchasedItem = (props) => {
  const { user, film, satinAlinanKoltuklar } = props.data;
  var options = {
    year: "numeric",
    month: "long",
    day: "numeric",
    hour: "numeric",
    minute: "numeric",
  };
  return (
    <div className="purchase-item">
      <div>
        <h1>
          | {film.filmAdi}-{film.tarih.toLocaleDateString("tr-TR", options)}
        </h1>
        <h3>
          | Salon: {film.salon}- Fiyat: {film.fiyat}
        </h3>
        <h2>
          | {user.name} {user.surname}
        </h2>
        <h2>
          | {user.btc}
          | {user.eposta}
        </h2>
      </div>
      <div>
        | {satinAlinanKoltuklar.map((x) => {
          |   return <h2 key={x.id}>Koltuk No:{x.id}</h2>; // satin alınan koltukları donduruyor
        })}
      </div>
    </div>
  );
}

export default PurchasedItem;
```

Satin alan
kisinin
bilgilerini ve
hangi koltuklar
oldugunu
gosterir.

PURCHASED.JSX

```
import React, { useEffect, useState } from "react";
import { useSelector } from "react-redux";
import PurchasedItem from "./PurchasedItem";
import "./Purchased.css";
export const Purchased = () => {
  const satinAlinanlar = useSelector((state) => state.cinema.purchased);

  const [selectedSalon, setSelectedSalon] = useState(1); // salon secenegini tutuyor
  const [selectedFilm, setSelectedFilm] = useState(); // film secenegini tutuyor

  const getFilms = () => {
    let arr = [];
    satinAlinanlar.forEach((element) => {
      if (arr.indexOf(element.film.filmAdi) === -1) { // index of lisetedeki adresi -1 dondururse yok demektir
        arr.push(element.film.filmAdi);
      }
    });
    return arr;
  };
}
```

**Burada bi getFilm fonksiyonu olusturduk.Burda
index of eger -1 dondururse yok demektir bu.Bu
durumda element.film.filmadi ni pushlariz.**

PURCHASED.JSX

The screenshot shows a code editor with the following details:

- File Path:** ERHAN DEMIREL 2022 ... /src/components/Purchased/Purchased.js
- Code Editor:** Visual Studio Code (VSC)
- File Content:** Purchased.js (highlighted in blue)
- Code Preview:** The code displays two dropdown menus for selecting a cinema and a movie. It uses the getFilms() function to map over the available movies and filter them based on the selected cinema and movie.

```
return (
  <div className="purchase">
    <select
      className="select-input"
      defaultValue={1} // 1 otomatik secilmis
      onChange={(e) => setSelectedSalon(e.target.value)}>
      <option value={1}>Salon 1</option>
      <option value={2}>Salon 2</option>
      <option value={3}>Salon 3</option>
      <option value={4}>Salon 4</option>
    </select>

    <select
      className="select-input"
      defaultValue={selectedFilm}
      onChange={(e) => setSelectedFilm(e.target.value)}>
      {getFilms().map((x) => {
        return ( // her x kadar option ekliyoruz.Map icindeki eleman kadar donuyor.
          <option key={x} value={x}>
            {x}
          </option>
        );
      })}
    </select>
  </div>
);
```

Burda salonları
filtreledik

Ana Sayfa

Salon 1 ▾

Recep Ivedik ▾

Recep Ivedik-8 Haziran 2022 21:09

Salon: 1- Fiyat: 15

SERHAN DEMIREL

12\$23142351235

Koltuk No:7

Koltuk No:20

Koltuk No:40

KOLTUK.JSX

EXPLORER ... ani.jsx M data.js Anasayfa.jsx SatinAlma.jsx Purchased.jsx

SERHAN DEMIREL 2022 ... node_modules public manifest.json robots.txt src components FilmListItem FilmListItem.css FilmListItem.jsx Koltuk Koltuk.css Koltuk.jsx Purchased Purchased.css Purchased.jsx PurchasedItem.jsx SatinAlma SatinAlma.css SatinAlma.jsx page Admin Admin.css Admin.jsx Anasayfa Anasayfa.css Anasayfa.jsx BiletEkranı NPM SCRIPTS

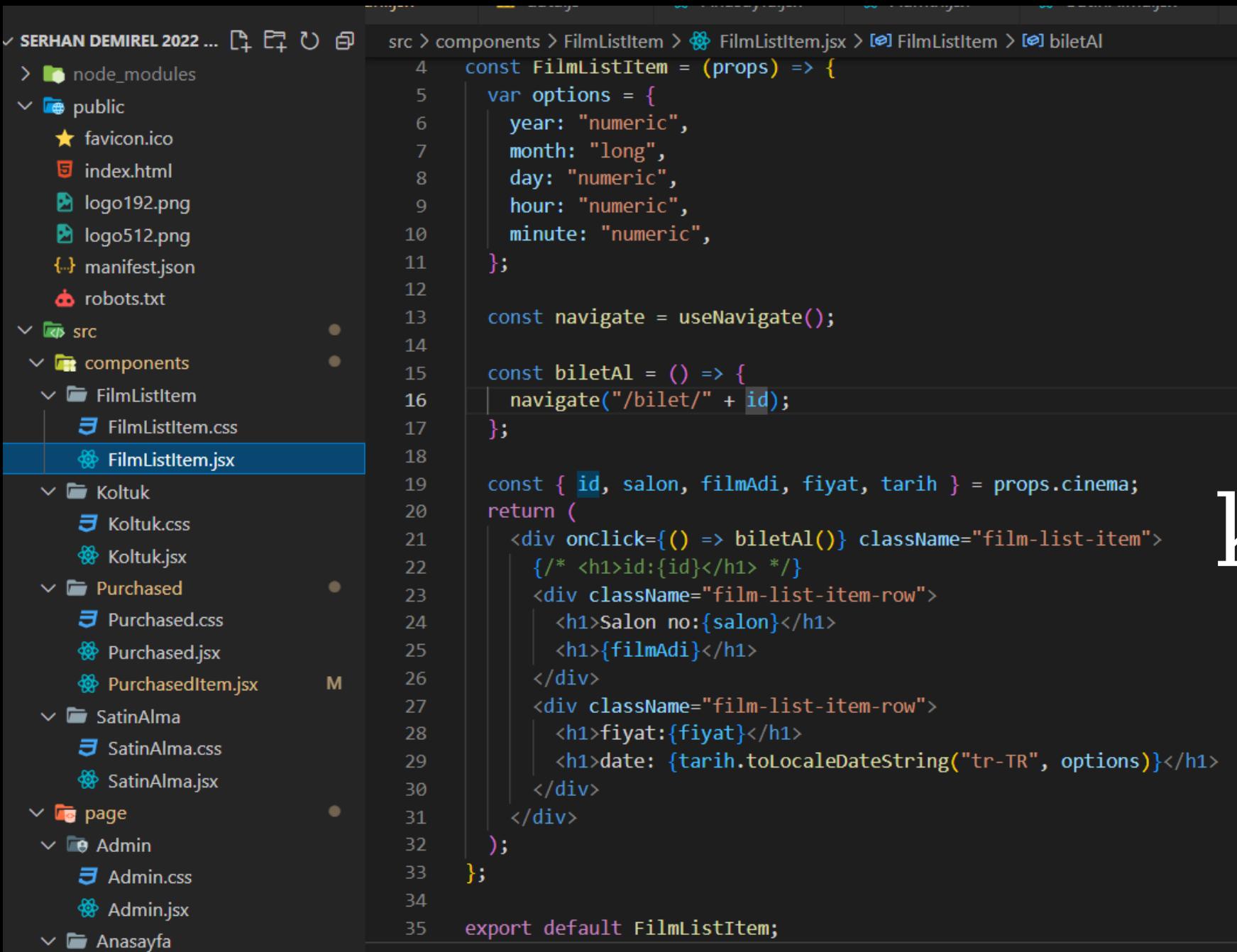
```
src > components > Koltuk > Koltuk.jsx > ...
1 import React from "react";
2 import "./Koltuk.css";
3 const Koltuk = (props) => {
4     const { onClick, koltuk } = props;
5
6     return (
7         <div
8             style={{
9                 backgroundColor:
10                    koltuk.alinabilir === 1
11                    ? koltuk.secildi === 1
12                    ? "#4dd5ff"
13                    : "#d4d4d4"
14                    : "#ff4d4d",
15            }}
16            onClick={onClick}
17            className="koltuk"
18        >
19            {koltuk.id}
20        </div>
21    );
22 };
23
24 export default Koltuk;
25 // koltuk üzerinde yazacak sayiyi belirledik
26
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

webpack compiled successfully

Koltugumuzun alinabilir oldugunda hangi renkte olacagi, secilir durumda oldugunda hangi renkte olcagini gosteriyoruz.

FilmListem.jsx



```
src > components > FilmListItem > FilmListItem.jsx > FilmListItem > biletAl
4  const FilmListItem = (props) => {
5    var options = {
6      year: "numeric",
7      month: "long",
8      day: "numeric",
9      hour: "numeric",
10     minute: "numeric",
11   };
12
13   const navigate = useNavigate();
14
15   const biletAl = () => {
16     navigate("/bilet/" + id);
17   };
18
19   const { id, salon, filmAdi, fiyat, tarih } = props.cinema;
20   return (
21     <div onClick={() => biletAl()} className="film-list-item">
22       /* <h1>id:{id}</h1> */
23       <div className="film-list-item-row">
24         <h1>Salon no:{salon}</h1>
25         <h1>{filmAdi}</h1>
26       </div>
27       <div className="film-list-item-row">
28         <h1>fiyat:{fiyat}</h1>
29         <h1>date: {tarih.toLocaleDateString("tr-TR", options)}</h1>
30       </div>
31     );
32   );
33 }
34
35 export default FilmListItem;
```

Burada oluşturulan komponent ana sayfaya gönderilir.

Admin Panel

Salon 1 ▾

Salon no:1

fiyat:15

Recep Ivedik

date: 8 Haziran 2022 21:09