store/Reducers

movies, filter
selectedMovie
favoriteMovies
user

MainView

get localStorage

token
storedUser

useSelector

movies
selectedMovie
favoriteMovies
user

states

similarMovies

const

user

useEffect
fetch API movies

dispatch

setMovies(moviesFromApi)

dependencies

[]

useEffect
similarMovies

setState

setSimilarMovies(similarMovi

dependencies

selectedMovie

useEffect
favoriteMovies

dispatch

setFavoriteMovies(favoriteMovie

dependencies

user
movies

render()

<NavigationBar />

<LoginView />

<SignupView />

<MovieView />
AND for each similar movies

NavBar

Nav.Links

Login

Home

Signup

Profile

Logout

Logout

```
const handleLogout = () => {
toggleNavbar();
dispatch(setUser(null));
dispatch(setSelectedMovie(null));
dispatch(setMovies([]));
dispatch(setFavoriteMovies([]));
token = null;
```

toggleNavbar

```
const toggleNavbar = () => {
setExpanded(!expanded);
};
```

User Persistence

```
if (!user && storedUser) {
  user = storedUser;
  dispatch(setUser(storedUser));
}
```

Login

useState

username
password

handleSubmit

Fetch (no useEffect?!?)

set localStorage

user
token

dispatch

user

Signup

setState

- firstname
- lastname
- email
- password
- birthdate

handleSubmit

Fetch (no useEffect?!?)

POST Create new user
POST Login new user

dispatch

user

set localStorage

token
no user ?!?

Render()

<Form/>

MovieView

get localStorage

storedUser
Token

useSelector

AND for each similar movies
<MovieCard movie={movie}/>

<MovieList />

<ProfileView />
AND for each favorite movies
<MovieCard movie={movie}/>

---

movies
favoriteMovies
selectedMovies
user

states init

favorited

const

movieId = useParams()

~~selectedMovie = movies.find===movieId~~

useEffect
isFavorited

isFavorited
Function that Checks if movie received is in the list of favoritedMovies

set States

setFavorited = isFavorited(favoriteMovies)

dependencies???

addFavorite

Fetch: adds movie to user.favorites

set localStorage

user = updatedUser

dispatch

user = updatedUser

removeFavorite

Fetch: removes movie from user.favorites

set localStorage

user = updatedUser

dispatch

user = updatedUser

Render()

<Card />

ProfileView

get localStorage

user
token

set States (initialization)

firstName
lastName
email
formHasChanged

useEffect() to fill in the input fields
(NEEDED?!?)

set States (initialisation)

setFirstName(user.firstName)
setLastName(user.lastName)
setEmail(user.email)

dependencies

[]

handleUpdateUser

const **updatedUser** = input from form (firstname, lastname, email)

Fetch: update User in the DB

set localStorage

user = updatedUser

dispatch

user = updatedUser

Render()

<Form/>

MovieCard = ({ movie })

dispatch

setSelectedMovie(movie)

Render()

<Card />

MovieList

useSelector

movies
filter

const

filteredMovies = movies.filter.includes(filter)

Render()

<MoviesFilter/>

<MovieCard movie = {movie}/>

MovieFilter

useSelector

filter

dispatch

setFilter(search input Value)

Render()

<Form />