Training Project Laboratory Report

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Movie Kingdom

Week number: 8
Please write the week number here

Tasks required for the week:
(Tasks you were asked or planned to do in this week, mostly decided in the previous week)
- o Redux setup
- o Implementing the movies page
- o Adding movies categories

Tasks done this week:
(Tasks that you actually finished this week, from the previous list or more)

- ✓ Redux setup,
- ✓ Implementing the movies page
- ✓ Adding movies catgeories

Code Screenshots:
(Insert some screen shots of your code that you wrote this week, in case your work includes other tasks than coding (e.g., design) include them too)

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```js
import { configureStore } from "@reduxjs/toolkit";
import { tmdbApi } from "../services/TMDB";
import  genreOrCategoryReducer  from "../features/currentGenreOrCatego

export default configureStore({
    reducer:{
        [tmdbApi.reducerPath]: tmdbApi.reducer,
        currentGenreOrCategory : genreOrCategoryReducer,
    }

});
```

Actor component code :

```jsx
import React from 'react';

const Actors = () => {
  return (
    <div>Actors</div>
  )
};

export default Actors;
```

```js
import { ThemeContext } from "@emotion/react";
import { makeStyles } from "@mui/styles";
import { height } from "@mui/system";
const drawerWidth =240;

export default makeStyles( (theme) => ( {

    containerSpaceAround: {
        display: 'flex',
        justifyContent:'space-around',
        margin: '10px 0 !important',
        [theme.breakpoints.down('sm')]:{
            flexDirection:'column',
            flexWrap: 'wrap',
        }
    },
    poster:{
        borderRadius: '20px',
        boxShadow: '0.5em 1em 1em rgb(64,54,70)',
        width: '80%',
        [theme.breakpoints.down('sm')]:{
            margin: '0 auto',
            width: '100%',
            height: '350px',
            marginBottom: '30px',
        },
        [theme.breakpoints.down('md')]:{
            margin: '0 auto',
            width: '50%',
            height: '350px',


        }

    },
    castImage:{
        width: '100%',
        maxWidth: '7em',
```

Movie component code :

Movie information component code :

Movie list compeonent code :

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```jsx
import React from 'react'
import { Grid } from '@mui/material'
import useStyles from './styles'
import {Movie} from '..';

const MovieList = ( {movies}) => {
    const classes = useStyles();
    return (
        <Grid className={classes.moviesContainer}>
            {movies.results.map( (movie,i) => (
                <Movie key={i} movie= {movie} i={i} />
            ))}
        </Grid>
    );
};

export default MovieList ;
```

```js
import { ThemeContext } from "@emotion/react";
import { makeStyles } from "@mui/styles";

export default makeStyles( (theme) => ( {
    moviesContainer: {
        display: 'flex',
        flexWrap: 'wrap',
        justifyContent: 'space-between',
        overflow: 'auto',
        [theme.breakpoints.down('sm')]: {
            justifyContent: 'center'
        },
    },
}));
```

Movies component code :

```jsx
const Movies = () => {
    const [page,setPage]= useState(1);
    const {genreIdOrCategoryName}= useSelector((state)=> state.currentGenreOrCategory);

    const {data , error, isFetching}= useGetMoviesQuery({genreIdOrCategoryName, page});


    if(isFetching){
        return (
            <Box display='flex' justifyContent='center'>
                <CircularProgress size='4rem'/>
            </Box>

        );
    };
    if(!data.results.length){
        console.log(data);
        return (
            <Box>
                <Typography variant='h4'>
                No movies that match that name.
                <br/>
                Please search for something else.
                </Typography>
            </Box>
        );
    };
    if (error) return 'an error has occured.';

    return (
        <div>
            <MovieList movies={data}/>
            <Pagination currentPage={page} setPage={setPage} totalPages={data.total_pages}/>
        </div>

    );
};
export default Movies;
```

Navigation bar component code :

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```jsx
import React, {useState} from 'react';
import { AppBar, IconButton, Toolbar, Drawer , Button, Avatar , useMed
import {Menu, AccountCircle, Brightness4, Brightness7} from '@mui/icon
import { Link } from 'react-router-dom';
import useStyles from './style'
import { useTheme} from '@mui/material/styles';
import Sidebar from '../SideBar/Sidebar';


const NavBar = () => {
    const classes = useStyles();
    const [mobileOpen, setMobileOpen] = useState(false);
    const isMobile = useMediaQuery('(max-width:600px)');
    const theme = useTheme();
    const isAutheticated= true;
  return (
    <>
        <AppBar positon = 'fixed'>
            <Toolbar className={classes.toolbar}>
                {isMobile && (
                    <IconButton
                        color= "inherit"
                        edge = "start"
                        style={ {outline: 'none'}}
                        onClick = {() => setMobileOpen ( ( prevMobile
                        className = {classes.menuButton}
                    >
                        <Menu />
                    </IconButton>
                )  }
                <IconButton color = 'inherit' sx= {{ ml: 1 } } onClick
                    {theme.palette.mode === 'dark' ? <Brightness7/> :
                </IconButton>
                {!isMobile && 'search..'}
                <div>
                    {!isAutheticated ? (
                        <Button color = 'inherit' onClick={() => {}}>
                            Login   <AccountCircle/> {/*&nbsp = :
                        </Button>
```

```jsx
import { ThemeContext } from "@emotion/react";
import { makeStyles } from "@mui/styles";
const drawerWidth =240;

export default makeStyles( (theme) => ( {

        toolbar: {
            height: '80px',
            display: 'flex',
            justifyContent: 'space-between',
            marginLeft: '240px',
            [theme.breakpoints.down('sm')]: {
                marginLeft:0,
                flexWrap: 'wrap',
            },

        },
        menuButton: {
            marginRight: theme.spacing(2),
            [theme.breakpoints.up('sm')]: {
                display: 'none',
            },
        },
        drawer:{
            [theme.breakpoints.up('sm')]: {
                width: drawerWidth,
                flexShrink:0,
            }
        },
        drawerPaper:{
            width: drawerWidth

        },
        linkButton:{
            '&:hover':{
                color: 'white !important',
                textDecoration: 'none',
            },
```

Side bar component code :


```jsx
import React, {useEffect} from 'react';
import {Divider, List,ListItem, ListItemText,ListSubheader,ListItemIcc
import { Link } from 'react-router-dom';
import { useDispatch, useSelector } from 'react-redux';
import { useTheme } from '@mui/styles';
import { ClassNames } from '@emotion/react';
import useStyles from './styles';
import { useGetGenresQuery } from '../../services/TMDB';
import { selectGenreOrCategory } from '../../features/currentGenreOrCa


const categories = [
    {label: 'Popular', value: 'popular'},
    {label: 'Top Rated', value: 'top_rated'},
    {label: 'Upcoming', value: 'upcoming'},

];

const redLogo= "";
const blueLogo= "";

const Sidebar = ({setMobileOpen}) => {
    const theme = useTheme();
    const classes= useStyles();
    const {data,isFetching,error}=useGetGenresQuery();
    const dispatch = useDispatch();
    const {genreIdOrCategoryName}= useSelector((state)=> state.current
  return (
    <>
        <Link to="/" className={classes.imageLink}>
            <img

                className= {classes.image}
                src= {theme.palette.mode === 'light' ? redLogo :blueLc
                alt="Movilix Logo"
            />
        </Link>
        <Divider/>
        <List>
```

```jsx
import { makeStyles } from '@mui/styles';
import { Theme } from '@mui/material';

export default makeStyles( (theme) => ( {
        imageLink:{
            display: 'flex',
            justifyContent: 'center',
            padding: '10% 0'
        },
        image:{
            width:'70%'
        },

        links:{
            color: theme.palette.text.primary,
            textDecoration: 'none',
        },
        genreImage: {
            filter: theme.palette.mode === 'dark' ? 'dark' : 'invert(1)',
        }
    }));
```

Pagination code :

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Code snippet showing Pagination.jsx and styles.js in Visual Studio Code:

```jsx
import React from 'react'
import { Typography,Button } from '@mui/material';
import useStyles from './styles';
import { ClassNames } from '@emotion/react';

const Pagination = ({currentPage, setPage,totalPages}) => {
    const classes= useStyles();
    if(totalPages===0) return null;


    const prevButton=(currentPage)=>{
        if(currentPage !==1)
        setPage((prevPage)=>prevPage-1)
    }
    const nextButton=(currentPage)=>{
        if(currentPage!==totalPages)
        setPage((prevPage)=>prevPage+1 )
    }
    return (
        <div className= {classes.container}>
            <Button className= {classes.button} variant='container' color=
            <Typography variant='h4' className={classes.pageNumber}>{curre
            <Button className= {classes.button} variant='container' color=

        </div>
    )
}

export default Pagination
```

styles.js:

```js
import { ThemeContext } from "@emotion/react";
import { makeStyles } from "@mui/styles";

export default makeStyles( (theme) => ( {
        container: {
            marginTop:'2rem',
            display:'flex',
            justifyContent:'center',
            alignItems:'center',
        },
        button:{
            margin: '30px 2px',
        },
        pageNumber:{
            margin: '0 20px !important',
            color: theme.palette.text.primary,
        }
}));
```

Redux setup :

TMDB.js:

```js
import {createApi , fetchBaseQuery} from '@reduxjs/toolkit/query/react';
const tmdbApiKey = '0067f4c1a8157e1b0096a428d72e2b61';
const page =1;

export const tmdbApi = createApi({
    reducerPath: 'tmdbApi',
    baseQuery: fetchBaseQuery({ baseUrl:'https://api.themoviedb.org/3'}),
    endpoints: (builder)=>({
        //* Get Genres
        getGenres: builder.query({
            query: ()=> `genre/movie/list?api_key=${tmdbApiKey}`,
        }),
        //*Get Movies by [Type]
        getMovies: builder.query ({
            query: () =>  `movie/popular?page=${page}&api_key=${tmdbApiKey}`,

        }),

    }),
})

export const {
    useGetGenresQuery,
    useGetMoviesQuery,
}= tmdbApi;
```

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```
                                                    currentGenreOrCategory.js - movie-kingdom - Visual Studio Code
File  Edit  Selection  View  Go  Run  Terminal  Help

EXPLORER                    ···   JS store.js      JS TMDB.js      JS currentGenreOrCategory.js  ×

MOVIE-KINGDOM                     src > features > JS currentGenreOrCategory.js > ...
> node_modules                     1  import { createSlice } from "@reduxjs/toolkit";
> public                           2  export const genreOrCategory = createSlice({
v src                              3      name: 'genreOrCategory',
  v app                            4      initialState:{
    JS store.js                    5          genreIdOrCategoryName: '',
  v components                     6          page:1 ,
    > Actors                       7      },
    > Movie                        8      reducers   :{
    > MovieInformation             9          selectGenreOrCategory: (state,action) => {
    > MovieList                   10              state.genreIdOrCategoryName=action.payload;
    > Movies                      11
    > NavBar                      12          },
    > Pagination                  13      }
    > Profile                     14
    > SideBar                     15  });
    ⚙ App.jsx                     16
    JS index.js                   17  export const {selectGenreOrCategory, searchMovie}= genreOrCategory.actions;
    JS styles.js                  18  export default genreOrCategory.reducer;
  v features
    JS currentGenreOrCategory.js
  v services
    JS TMDB.js
    ⚙ .env
    # index.css
    JS index.js
    ◆ .gitignore
    {} package-lock.json
    {} package.json
    ⓘ README.md
```

Services api :

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Profile.jsx   JS TMDB.js   ✕   JS styles.js C:\...\components   JS styles.js C:\...\Pagination

C: > Users > ihebj > OneDrive > Documents > GitHub > trainingProjectLab > movie-kingdom > src > services > JS TMDB.js > ...

```
1    import {createApi , fetchBaseQuery} from '@reduxjs/toolkit/query/react';
2    const tmdbApiKey = '0067f4c1a8157e1b0096a428d72e2b61';
3    const page =1;
4
5    export const tmdbApi = createApi({
6        reducerPath: 'tmdbApi',
7        baseQuery: fetchBaseQuery({ baseUrl:'https://api.themoviedb.org/3'}),
8        endpoints: (builder)=>({
9            //* Get Genres
10           getGenres: builder.query({
11               query: ()=> `genre/movie/list?api_key=${tmdbApiKey}`,
12           }),
13           //*Get Movies by [Type]
14           getMovies: builder.query ({
15               query: () =>  `movie/popular?page=${page}&api_key=${tmdbApiKey}`,
16
17           }),
18
19       }),
20   })
21
22   export const {
23       useGetGenresQuery,
24       useGetMoviesQuery,
25   }= tmdbApi;
```

Results Screenshots:
(If you start getting any results or output of the project insert some screenshots here even if they are not 100% complete)

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Tasks to be done next week:
(Tasks you are planning to do in the next week)

- **Search Functionality**
- **Adding icons**
- **Fixing bugs**

Notes (optional) :
(If you have any question or note, write it here)

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