npx create-react-app reactmovie.spa

dotnet new webapi -o reactmovie.api (dotnet new -i appname)

in spa

npm i bootstrap@4.1.1

import 'bootstrap/dist/css/bootstrap.css'; - index.js

npm i jquery

Scaffold-DbContext "Server=LAPTOP-BL8FRH7G\SQLEXPRESS;Database=Movies;Trusted\_Connection=True;" Microsoft.EntityFrameworkCore.SqlServer -OutputDir Models

startup.cs

services.AddDbContext<Models.BooksContext>(options => options.UseSqlServer("Server =LAPTOP-BL8FRH7G\\SQLEXPRESS;Database = Books;Trusted\_Connection=True;"));

public void ConfigureServices(IServiceCollection services)

services.AddCors(options =>

{

options.AddPolicy("AllowWebAppAccess", builder =>

{

builder.AllowAnyOrigin()

.AllowAnyMethod()

.AllowAnyHeader()

.AllowCredentials();

});

});

Configure()

app.UseCors("AllowWebAppAccess");

Pagination

import Paginate from './Common/Paginate.jsx';

import { paginate } from '../utils/paginate.js';

state variables

pageSize:4

curretnPage:1

<Paginate totalCount={movies.length} pageSize={pageSize} currentPage={currentPage} onChange={this.onPageChange} />

1. Create a component "Paginate " in Component/Common folder

import React, { Component } from 'react';

import \_ from 'lodash';

class Paginate extends Component {

render() {

const totalPage = Math.ceil(this.props.totalCount / this.props.pageSize);

const pages = \_.range(1, totalPage + 1)

return (

<nav aria-label="Page navigation example">

<ul className="pagination">

{pages.map(page => <li className="page-item"><a className="page-link" onClick={() => this.props.onChange(page)}>{page}</a></li>)}

</ul>

</nav>

)

}

}

on Movies.jsx

onPageChange = (page) => {

this.setState({

currentPage: page

})

}

in render

const paginatedMovies = paginate(movies, currentPage, pageSize);

create a paginate file in utils

paginate.js

import \_ from 'lodash';

export function paginate(items, pageNumber, pageSize) {

const startIndex = (pageNumber - 1) \* pageSize;

return \_(items).slice(startIndex).take(pageSize).value();

}

change the movies to paginated movies in the table

React routing

npm i react-router-dom

index.js

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

ReactDOM.render(

<BrowserRouter>

<App />

</BrowserRouter >,

document.getElementById('root'));

App.js

import { Route, Switch, Redirect } from 'react-router-dom';

<Switch>

<Route path="/movies" component={Movie} />

<Route path="/customers" component={Customers} />

<Route path="/rentals" component={Rentals} />

<Route path="/notfound" component={NotFound} />

<Redirect from="/" exact to="/movies" />

<Redirect to="/notfound" />

</Switch>

https://codeasy.net/lesson/c\_sharp\_compilation\_process