Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Movie</title>
    <link rel="shortcut icon" href="./favicon.svg" type="image/x-icon">
    <link rel="stylesheet" href="./assets/css/style.css">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=DM+Sans:wght@400;700&display=swap"
rel="stylesheet">




</head>
<body>



    <header class="header">
        <a href="./index.html" class="logo">
            <img src="./assets/images/logo.svg" width="140" height="32"
alt="Tvflix home">
        </a>
        <div class="search-box" search-box>
            <div class="search-wrapper" search-wrapper>
                <input type="text" name="search" aria-label="search movies"
placeholder="Search Movie" class="search-field" search-field autocomplete="off">
                <img src="./assets/images/search.png" width="24" height="24"
class="loading-icon" >
            </div>
            <button class="search-btn" search-toggler>
                <img src="./assets/images/close.png" width="24" height="24"
alt="close search box">
            </button>
        </div>
        <button class="search-btn" search-toggler menu-close>
            <img src="./assets/images/search.png" width="24" height="24">
```

```html
        </button>

        <button class="menu-btn" menu-btn menu-toggler>
            <img src="./assets/images/menu.png" width="24" height="24"
class="menu" alt="open menu">
            <img src="./assets/images/menu-close.png" width="24" height="24"
class="close" alt="close menu">
        </button>
    </header>

<main>

    <nav class="sidebar" sidebar></nav>

    <div class="overlay" overlay menu-toggler></div>


    <article class="container" page-content></article>
</main>
    <script src="./assets/js/global.js" defer></script>
    <script src="./assets/js/index.js" type="module"></script>



</body>
</html>
```

Detail.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title></title>
    <link rel="shortcut icon" href="./favicon.svg" type="image/x-icon">
    <link rel="stylesheet" href="./assets/css/style.css">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=DM+Sans:wght@400;700&display=swap"
rel="stylesheet">
</head>
<body>



<!-- ----------------------------------
                #HEADER
-------------------------------- -->


    <header class="header">
        <a href="./index.html" class="logo">
            <img src="./assets/images/logo.svg" width="140" height="32"
alt="Tvflix home">
        </a>
        <div class="search-box" search-box>
            <div class="search-wrapper" search-wrapper>
                <input type="text" name="search" aria-label="search movies"
placeholder="Search Movie" class="search-field" search-field autocomplete="off">
                <img src="./assets/images/search.png" width="24" height="24"
class="loading-icon" >
            </div>
            <button class="search-btn" search-toggler>
                <img src="./assets/images/close.png" width="24" height="24"
alt="close search box">
            </button>
        </div>
        <button class="search-btn" search-toggler menu-close>
            <img src="./assets/images/search.png" width="24" height="24">
        </button>
```

```
        <button class="menu-btn" menu-btn menu-toggler>
            <img src="./assets/images/menu.png" width="24" height="24"
class="menu" alt="open menu">
            <img src="./assets/images/menu-close.png" width="24" height="24"
class="close" alt="close menu">
        </button>
    </header>


<!-----------------------------------
                #SIDEBAR
----------------------------------->
<main>
    <nav class="sidebar" sidebar>

    </nav>

    <div class="overlay" overlay menu-toggler></div>


    <article class="container" page-content></article>

</main>

    <script src="./assets/js/global.js" defer></script>
    <script src="./assets/js/detail.js" type="module"></script>
</body>
</html>
```

Movielist.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="shortcut icon" href="./favicon.svg" type="image/x-icon">
    <link rel="stylesheet" href="./assets/css/style.css">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
```

```html
    <link
href="https://fonts.googleapis.com/css2?family=DM+Sans:wght@400;700&display=swap"
rel="stylesheet">
</head>
<body>


<!-- ---------------------------------
                #HEADER
--------------------------------- -->


    <header class="header">
        <a href="./index.html" class="logo">
            <img src="./assets/images/logo.svg" width="140" height="32"
alt="Tvflix home">
        </a>
        <div class="search-box" search-box>
            <div class="search-wrapper" search-wrapper>
                <input type="text" name="search" aria-label="search movies"
placeholder="Search Movie" class="search-field" search-field autocomplete="off">
                <img src="./assets/images/search.png" width="24" height="24"
class="loading-icon" >
            </div>
            <button class="search-btn" search-toggler>
                <img src="./assets/images/close.png" width="24" height="24"
alt="close search box">
            </button>
        </div>
        <button class="search-btn" search-toggler menu-close>
            <img src="./assets/images/search.png" width="24" height="24">
        </button>

        <button class="menu-btn" menu-btn menu-toggler>
            <img src="./assets/images/menu.png" width="24" height="24"
class="menu" alt="open menu">
            <img src="./assets/images/menu-close.png" width="24" height="24"
class="close" alt="close menu">
        </button>
    </header>



<!---------------------------------
                #SIDEBAR
```

```html
----------------------------------->
<main>
    <nav class="sidebar" sidebar></nav>

    <div class="overlay" overlay menu-toggler></div>


    <article class="container" page-content></article>

</main>



    <script src="./assets/js/global.js" defer></script>
    <script src="./assets/js/movie-list.js" type="module"></script>
</body>
</html>
```

Style.css

```css
/*---------------------------------*\
  #style.css
\*---------------------------------*/

/**
 * copyright 2023 codewithsadee
 */

/*---------------------------------*\
  #CUSTOM PROPERTY
\*---------------------------------*/

:root{
  --background: hsla(220, 17%, 7%, 1);
  --banner-background: hsla(250, 6%, 20%, 1);
  --white-alpha-20: hsla(0, 0%, 100%, 0.2);
  --on-background: hsla(220, 100%, 95%, 1);
  --on-surface: hsla(250, 100%, 95%, 1);
  --on-surface-variant: hsla(250, 1%, 44%, 1);
  --primary: hsla(349, 100%, 43%, 1);
  --primary-variant: hsla(349, 69%, 51%, 1);
  --rating-color: hsla(44, 100%, 49%, 1);
  --surface: hsla(250, 13%, 11%, 1);
  --text-color: hsla(250, 2%, 59%, 1);
  --white: hsla(0, 0%, 100%, 1);

  --banner-overlay: 90deg, hsl(220, 17%, 7%) 0%, hsla(220, 17%, 7%, 0.5) 100%;
  --bottom-overlay: 180deg, hsla(250, 13%, 11%, 0), hsla(250, 13%, 11%, 1);

  --ff-dm-sans: 'DM Sans', sans-serif;

  --fs-heading: 4rem;
  --fs-title-lg: 2.6rem;
  --fs-title: 2rem;
  --fs-body: 1.8rem;
  --fs-button: 1.5rem;
  --fs-label: 1.4rem;
```

```css
  --weight-bold: 700;

  --shadow-1: 0 1px 4px hsla(0, 0%, 0%, 0.75);
  --shadow-2: 0 2px 4px hsla(350, 100%, 43%, 0.3);
  --radius-4: 4px;
  --radius-8: 8px;
  --radius-16: 16px;
  --radius-24: 24px;
  --radius-36: 36px;

  --transition-short: 250ms ease;
  --transition-long: 500ms ease;
}



/*--------------------------------*\
  #RESET
\*--------------------------------*/
*,*::before,*::after{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

li{
  list-style: none;
}
a,img,span,iframe,button{
  display: block;
}
a{
  color: inherit;
  text-decoration: none;
}
img{
  height: auto;
}
input,button{
  background: none;
  border: none;
  font: inherit;
  color: inherit;
}
```

```css
button{
  text-align: center;
  cursor: pointer;
}
html{
  font-family: var(--ff-dm-sans);
  font-size: 10px;
  scroll-behavior: smooth;
}
body{
  background-color: var(--background);
  color: var(--on-background);
  font-size: var(--fs-body);
  line-height: 1.5;
}
:focus-visible{
  outline-color: var(--primary-variant);
}
::-webkit-scrollbar{
  width: 8px;
  height: 8px;

}
::-webkit-scrollbar-thumb{
  background-color: var(--banner-background);
  border-radius: var(--radius-8);
}

/*----------------------------------*\
  #REUSED STYLE
\*----------------------------------*/
/* làm cái vòng quay loading */
.search-wrapper::before,
.load-more::before{
  content: "";
  width: 20px;
  height: 20px;
  border: 3px solid var(--white);
  border-radius: var(--radius-24);
  border-inline-end-color:transparent;
  animation: loading 500ms linear infinite;
  display: none;
}
.search-wrapper::before{
  position: absolute;
```

```css
    top: 14px;
    right: 12px;
}
.load-more{
    background-color: var(--primary-variant);
    margin-inline: auto;
    margin-block: 36px 48px;
}
.load-more:is(:hover,:focus-visible){
    --primary-variant:hsla(350,67%,39%,1)
}
.load-more.loading::before{display: block;}
/* có class searching thì mới xoay */
.search-wrapper.searching::before{
    display: block;
}
@keyframes loading {
    0%{
        transform: rotate(0);
    }
    100%{
        transform: rotate(360deg);
    }
}

.title{
    font-size: var(--fs-title);
    font-weight: var(--weight-bold);
    letter-spacing: .5px;
}

.img-cover{
    width: 100%;
    height: 100%;
    object-fit: cover;
}
.heading{
    color: var(--white);
    font-size: var(--fs-heading);
    line-height: 1.2;
}
.heading,
.title-large,
.title{
    font-weight: var(--weight-bold);
```

```css
    letter-spacing: .5px;
}
.title-large{
    font-size: var(--fs-title-lg);
}

.meta-item{
    display: flex;
    align-items: center;
    gap: 4px;
}
.btn{
    color: var(--white);
    font-size: var(--fs-button);
    font-weight: var(--weight-bold);
    max-width: max-content;
    display: flex;
    align-items: center;
    gap: 12px;
    padding-block: 12px;
    padding-inline: 20px 24px;
    border-radius: var(--radius-8);
    transition: var(--transition-short);
}
.card-badge{
    background-color: var(--banner-background);
    color: var(--white);
    font-size: var(--fs-label);
    font-weight: var(--weight-bold);
    padding-inline:6px;
    border-radius: var(--radius-4);
}
.poster-box,.video-card{
    background-image: url('../images/poster-bg-icon.png');
    aspect-ratio: 2 / 3;
    background-position: center;
    background-color: var(--banner-background);
    border-radius: var(--radius-16);
    overflow: hidden;
}
.poster-box{
    background-repeat: no-repeat;
    background-size: 50px;
}
```

```css
.title-wrapper{ margin-block-end: 24px;}
.slider-list{
  margin-inline: -20px;
  overflow-x:overlay ;
  padding-block-end: 16px;
  margin-block-end: -16px;
}

.slider-list::-webkit-scrollbar-thumb{
  background-color: transparent;
}
.slider-list:is(:hover,:focus-within)::-webkit-scrollbar-thumb{
  background-color: var(--banner-background);
}

.slider-list::-webkit-scrollbar-button{
  width: 20px;
}

.slider-list .slider-inner{
  position: relative;
  display: flex;
  gap: 12px;
}
.slider-list .slider-inner::before,
.slider-list .slider-inner::after{
  content: "";
  min-width: 4px;
}

.separator{
  width: 4px;
  height: 4px;
  background-color: var(--white-alpha-20);
  border-radius: var(--radius-8);
}
.video-card{
  background-image: url('../images/video-bg-icon.png');
  background-position: center;
  background-repeat: no-repeat;
  aspect-ratio: 16 / 9;
  flex-shrink: 0;
  max-width: 500px;
  width: calc(100% - 40px);
}
```

```css
/*--------------------------------*\
  #HEADER
\*--------------------------------*/

.header{
  position: relative;
  padding-block:24px ;
  padding-inline: 16px;
  display: flex;
  justify-content: space-between;
  align-items: center;
  gap: 8px;
}
.header .logo{
  margin-inline-end: auto;
}
.search-btn,.menu-btn{
  padding: 12px;
}


.search-btn{
  background-color: var(--banner-background);
  border-radius: var(--radius-8);
}
.search-btn img{
  opacity: 0.5;
  transition: var(--transition-short);
}
.search-btn:is(:hover,:focus-visible) img{
  opacity: 1;
}
/* active laf khi mo  */
/* Lúc đầu cái menu hiện dòng 308 */
.menu-btn.active .menu,
.menu-btn .close{
  display: none;
}
.menu-btn .menu,
.menu-btn.active .close{
  display: block;
}
.search-box{
  position: absolute;
```

```css
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background-color: var(--background);
  padding: 24px 16px;
  align-items: center;
  gap: 8px;
  z-index: 1;
  display: none;
}
.search-box.active{display: flex;}

.search-wrapper{
  position: relative;
  flex-grow: 1;
}
.search-field{
  width: 100%;
  background-color: var(--banner-background);
  height: 48px;
  line-height: 48px;
  padding-inline: 44px 16px;
  border-radius: var(--radius-8);
  transition: var(--transition-short);
  outline: none;
}
.search-field::placeholder{
  color: var(--on-surface-variant);
}
.search-field:hover{
  box-shadow: 0 0 0 2px var(--on-surface-variant);
}
.search-field:focus{
  box-shadow: 0 0 0 2px var(--on-surface);
  padding-inline-start: 16px;
}
.search-wrapper .loading-icon{
  position: absolute;
  top: 50%;
  transform: translateY(-50%);
  left: 12px;
  opacity: .5;
  transition: var(--transition-short);
}
```

```css
.search-wrapper:focus-within .loading-icon{opacity: 0;}
/*-------------------------------*\
  #SIDEBAR
\*-------------------------------*/

.sidebar{
  position: absolute;
  background-color: var(--background);
  top: 96px;
  bottom: 0;
  left: -340px;
  max-width: 340px;
  width: 100%;
  border-block-start: 1px solid var(--banner-background);
  overflow-y: overlay;
  z-index: 4;
  visibility: hidden;
  transition: var(--transition-long);
}
.sidebar.active{
  transform:translateX(340px) ;
  visibility: visible;
}

.sidebar-inner{
  display: grid;
  gap: 20px;
  padding-block: 36px;
}
.sidebar::-webkit-scrollbar-thumb{
  background-color: transparent;
}
.sidebar:is(:hover,:focus-within)::-webkit-scrollbar-thumb{
  background-color: var(--banner-background);
}
.sidebar::-webkit-scrollbar-button{ height: 16px;}
.sidebar-list,.sidebar-footer{
  padding-inline: 36px;
}
.sidebar-link{
  color: var(--on-surface-variant);
  transition: var(--transition-short);
}
.sidebar-link:is(:hover,:focus-visible){
  color: var(--on-background);
```

```css
}
.sidebar-list{
  display: grid;
  gap: 8px;
}
.sidebar-list .title{
  margin-block-end: 8px;
}
.sidebar-footer{
  border-block-start: 1px solid var(--banner-background);
  padding-block-start: 28px;
  margin-block-start: 16px;
}
.copyright{
  color: var(--on-surface-variant);
  margin-block-end: 20px;
}
.copyright a{
  display: inline-block;
}
.overlay{
  position: fixed;
  top: 96px;
  left: 0;bottom: 0;
  width: 100%;
  background-color: var(--background);
  opacity: 0;
  pointer-events: none;
  transition: var(--transition-short);
  z-index: 3;
}
.overlay.active{
  opacity: .5;
  pointer-events: all;
}


/*----------------------------------*\
  #HOME PAGE
\*----------------------------------*/
.container{
  position: relative;
  background-color: var(--surface);
  color: var(--on-surface);
  padding: 24px 20px 48px;
```

```css
  height: calc(100vh - 96px);
  overflow-y: overlay;
  z-index: 1;
}
/* có 1 cái lớp phủ mờ mờ bên dưới khi cuộn lên */
.container::after,
.search-modal::after{
  content: "";
  position: fixed;
  bottom: 0;
  left: 0;
  width: 100%;
  height: 150px;
  background-image:linear-gradient(var(--bottom-overlay)) ;
  z-index: 1;
  pointer-events: none;
}

/* ---- BANNER ------ */
.banner{
  position: relative;
  height: 700px;
  border-radius: var(--radius-24);
  overflow: hidden;
}
.banner-slider .slider-item{
  position: absolute;
  top: 0;
  left: 120%;
  width: 100%;
  height: 100%;
  background-color: var(--banner-background);
  opacity: 0;
  visibility: hidden;
  transition: opacity var(--transition-long);
}
.banner-slider .slider-item::before{
  content: "";
  position: absolute;
  inset: 0;
  background-image: linear-gradient(var(--banner-overlay));
}
.banner-slider .active{
  left: 0;
  opacity: 1;
```

```css
    visibility: visible;
}
.banner-content{
  position: absolute;
  left: 24px;
  right: 24px;
  bottom: 206px;
  z-index: 1;
  color: var(--text-color);
}
/* dài quá ... */
.banner :is(.heading,.banner-text){
  display: -webkit-box;
  -webkit-box-orient: vertical;
  overflow: hidden;
}
.banner .heading{
  -webkit-line-clamp: 3;
  margin-block-end: 16px;
}
.meta-list{
  display: flex;
  flex-wrap: wrap;
  justify-content: flex-start;
  align-items: center;
  gap: 12px;
}
.banner .genre{margin-block:12px ;}
.banner-text{
  -webkit-line-clamp: 2;
  margin-block-end: 24px;
}
.banner .btn{ background-color: var(--primary);}
.banner .btn:is(:hover,:focus-visible){
  box-shadow: var(--shadow-2);
}

.slider-control{
  position: absolute;
  bottom: 20px;
  left: 20px;
  right: 0;
  border-radius: var(--radius-16) 0 0 var(--radius-16);
  user-select: none;
  padding: 4px 0 4px 4px;
```

```css
    overflow-x:auto ;
}
.slider-control::-webkit-scrollbar{display: none;}
.control-inner{
    display: flex;
    gap: 12px;
}
.control-inner::after{
  content: "";
  min-width: 12px;
}
.slider-control .slider-item{
  width: 100px;
  border-radius: var(--radius-8);
  flex-shrink: 0;
  filter: brightness(.4);
}
.slider-control .active{
  filter: brightness(1);
  box-shadow: var(--shadow-1);
}

/* moive list */

.movie-list{
  padding-block-start: 32px;
}
.movie-card{
  position: relative;
  min-width: 200px;
}
.movie-card .card-banner{
  width: 200px;
}
.movie-card .title{
  width: 100%;
  white-space: nowrap;
  text-overflow: ellipsis;
  overflow: hidden;
  margin-block:8px 4px;
}
.movie-card .meta-list{
  justify-content: space-between;
}
.movie-card .card-btn{
```

```css
  position: absolute;
  inset: 0;
}


/*------------------------------*\
  #DETAIL PAGE
\*------------------------------*/
.backdrop-image{
  position: absolute;
  top: 0;
  left: 0;
  width: 100%;
  height: 600px;
  background-repeat:no-repeat ;
  background-size: cover;
  background-position: center;
  z-index: -1;
}
.backdrop-image::before{
  content: "";
  position: absolute;
  inset: 0;
  background-image: linear-gradient(0deg,
hsla(250,13%,11%,1),hsla(250,13%,11%,0.9));
}
.movie-detail .movie-poster{
  max-width: 300px;
  width: 100%;

}
.movie-detail .heading{
  margin-block: 24px 12px;
}
.movie-detail :is(.meta-list,.genre){
  color: var(--text-color);
}
.movie-detail .genre{
  margin-block: 12px 16px;
}
.detail-list{
  margin-block: 24px 32px;
}
.movie-detail .list-item{
  display: flex;
  align-items: flex-start;
```

```css
    gap: 8px;
    margin-block-end: 12px;
}
.movie-detail .list-name{
    color: var(--text-color);
    min-width: 112px;
}


/*-------------------------------*\
  #MOVIE LIST PAGE
\*-------------------------------*/
.genre-list .title-wrapper{
    margin-block-end: 56px;
}
.grid-list{
    display: grid;
    grid-template-columns: repeat(auto-fill,minmax(200px,1fr));
    column-gap: 16px;
    row-gap: 20px;
}
:is(.grid-list,.search-modal) :is(.movie-card,.card-banner){
    width: 100%;
}




/*-------------------------------*\
  #SEARCH MODAL
\*-------------------------------*/
.search-modal{
    position: fixed;
    top: 96px;
    left: 0;
    width: 100%;
    bottom: 0;
    background-color: var(--surface);
    padding: 50px 24px;
    overflow-y: overlay;
    z-index: 4;
    display: none;
}
.search-modal.active{
    display: block;
}
```

```css
.search-modal .label{
  color: var(--primary-variant);
  font-weight: var(--weight-bold);
  margin-block-end: 8px;
}


/*--------------------------------*\
  #MEDIA QUERIES
\*--------------------------------*/

@media (min-width:575px) {
    .banner-content{
      right: auto;
      max-width: 500px;
    }
    .slider-control{
      left: calc(100% - 400px);
    }

    .detail-content{ max-width: 750px;}
}

@media (min-width:768px){
  :root{
    --banner-overlay:90deg,hsl(220,17%,7%) 0%,hsla(220,17%,7%,0) 100%;

    --fs-heading:5.4rem;
  }
  .container{
    padding-inline: 24px;

  }
  .slider-list{
    margin-inline: -24px;
  }
  .search-btn{
    display: none;
  }
  .search-box{
    all:unset;
    display: block;
    width: 360px;
```

```css
    }
    .banner-content{
      left: 50px;
    }
    .movie-detail{
      display: flex;
      align-items: flex-start;
      gap: 40px;
    }
    .movie-detail .detail-box{
      flex-grow: 1;
    }
    .movie-detail .movie-poster{
      flex-shrink: 0;
      position: sticky;
      top: 0;
    }
    .poster-box {
      background-repeat: no-repeat;
      background-size: 50px;
      width: 100%;
      height: 80%;
    }
    .movie-detail .slider-list{
      margin-inline-start: 0;
    }
}

@media (min-width:1200px){
    .header{
      padding: 28px 56px;
    }
    .logo img{
      width: 160px;
    }
    .menu-btn,.overlay{display: none;}

    main{
      display: grid;
      grid-template-columns: 250px 1fr;
    }
    .sidebar{
      position: static;
      visibility: visible;
      border-block-start: 0;
```

```css
    height: calc(100vh -104px);
  }
  .sidebar.active{
    transform: none;
  }
  .sidebar-list,.sidebar-footer{
    padding-inline: 56px;
  }
  .container{
    height: calc(100vh -104px);
    border-top-left-radius: var(--radius-36);
  }


}
```

Api.js

```js
"use strict";
const api_key = '215b7388a50135da76601db1ca0183ba';
const imageBaseURL = 'http://image.tmdb.org/t/p/' //tren post man

// fetch data from a server using the url and passes the result in JSON
// data to a callback func,
// along with an optional paramerter if has optionalParam

const fetchDataFromServer = function(url,callback,optionalParam){
    fetch(url)
        .then(response => response.json())
        .then(data => callback(data,optionalParam));

}

export {imageBaseURL ,api_key ,fetchDataFromServer};
```

detail.js

```js
'use strict';
import { api_key,imageBaseURL,fetchDataFromServer } from "./api.js";

import { sidebar } from "./sidebar.js";
import { createMovieCard } from "./movie-card.js";
import { search } from "./search.js";
```

```javascript
const pageContent = document.querySelector("[page-content]");

const movieId = window.localStorage.getItem("movieId");
sidebar();

//
https://api.themoviedb.org/3/movie/505864?api_key=215b7388a50135da76601db1ca0183b
a&append_to_response=cast%2Cvideos%2Cimages%2Creleases


const getGenres = function(grenlist){
    const newGenreList = [];
    for(const { name } of grenlist){
        newGenreList.push(name);
    }
    return newGenreList.join(", ");
}

const getCarts = function(castList){
    const newCastList = [];
    for(let i=0,len=castList.length;i<len && i<10;i++){
        const {name}=castList[i];
        newCastList.push(name);
    }
    return newCastList.join(", ");
}

const getDirections=function(crewList){
    const directors = crewList.filter(({job}) => job ==="Director")
    const directorList = [];
    for(const {name} of directors){
        directorList.push(name);
    }
    return directorList.join(', ');
}

const filterVideos = function(videos){
    return videos.filter(({type,site})=>(type ==="Trailer" || type ===
"Teaser")&& site ==="YouTube");
}
fetchDataFromServer(
    `https://api.themoviedb.org/3/movie/${movieId}?api_key=${api_key}&append_to_r
esponse=casts,videos,images,releases`
    ,
    function(movie){
```

```javascript
        const{
            backdrop_path,
            poster_path,
            title,
            release_date,
            runtime,
            vote_average,
            releases:{countries:[{ certification }]},
            genres,
            overview,
            casts:{cast,crew},
            videos:{results:videos}
        } = movie;
        document.title=`${title} - Tvflix`;
        const movieDetail = document.createElement("div");
        movieDetail.classList.add("movie-detail");
        movieDetail.innerHTML = `

        <div class="backdrop-image" style="background-
image:url('${imageBaseURL}${"w1280" || "original"}${backdrop_path ||
poster_path}') ;">
        </div>

        <figure class="poster-box movi-poster">
            <img src="${imageBaseURL}w342${poster_path}" alt="${title}" poster
class="img-cover">
        </figure>
        <div class="detail-box">
            <div class="detail-content">
                <h1 class="heading">${title}</h1>

                <div class="meta-list">
                    <div class="meta-item">
                        <img src="assets/images/star.png" width="20"
alt="rating">

                        <span class="span">${vote_average.toFixed(1)}</span>

                    </div>
                    <div class="separator"></div>
                    <div class="meta-item">${runtime}m</div>
                    <div class="separator"></div>
                    <div class="meta-item">${release_date.split("-")}</div>
                    <div class="meta-item card-badge">${certification}</div>
                </div>
```

```html
        <p class="genre">
            ${getGenres(genres)}
        </p>

        <p class="overview">
            ${overview}
        </p>

        <ul class="detail-list">
            <div class="list-item">
                <p class="list-name">Starring</p>
                <p>${getCarts(cast)}</p>

            </div>

            <div class="list-item">
                <p class="list-name">Directed By</p>
                <p>${getDirections(crew)}</p>

            </div>

        </ul>


    </div>

    <div class="title-wrapper">
        <h3 class="title-lagre">
            Trailers and Clips
        </h3>
    </div>

    <div class="slider-list">
        <div class="slider-inner">

        </div>
    </div>

</div>

`;
```

```javascript
        for(const {key,name} of filterVideos(videos)){
            const videoCard = document.createElement('div');
            videoCard.classList.add("video-card");
            videoCard.innerHTML = `


                <iframe
                 width="500" height="294"
                 src="http://www.youtube.com/embed/${key}?&
                 theme=dark&color=white&rel=0"
                 frameborder="0" allowfullscreen="1"
                  title="${name}"
                  class="img-cover" loading="lazy"
                ></iframe>


            `;

            movieDetail.querySelector(".slider-inner").appendChild(videoCard);


        }

        pageContent.appendChild(movieDetail);


        fetchDataFromServer(

        `https://api.themoviedb.org/3/movie/${movieId}/recommendations?api_key
=${api_key}&page=1`,
            addSuggestedMovies

        )
    }
)


const addSuggestedMovies = function({results:movieList},title){
    const movieListElem = document.createElement("section");
    movieListElem.classList.add("movie-list");
    movieListElem.ariaLabel = "You May Also Like";
    movieListElem.innerHTML =`

        <div class="title-wrapper">
            <h3 class="title-lagre">
                You May Also Like
```

```
                    </h3>
                </div>
                <div class="slider-list">
                    <div class="slider-inner">

                    </div>
                </div>

        `

        for(const movie of movieList){
            const movieCard = createMovieCard(movie); //called form movie_card.js
            movieListElem.querySelector('.slider-inner').appendChild(movieCard);

        }
        pageContent.appendChild(movieListElem);
}

search();
```

gloabel.js

```
"use strict";

// mở menu search
const addEventOnElement = function(eles ,eventType,callback){
    for (const ele of eles){
        ele.addEventListener(eventType,callback)
    }
}

// toggle search box in mobile
const searchBox = document.querySelector('[search-box]');
const searchTogglers = document.querySelectorAll('[search-toggler]')

addEventOnElement(searchTogglers,'click', function(){
    searchBox.classList.toggle('active')
})

// localstorage khi aasn vaof 1 movie card nao do
const getMovieDetail = function(movieId){
    window.localStorage.setItem("movieId",String(movieId));
}


const getMovieList = function(urlParam,genreName){
    window.localStorage.setItem("urlParam",urlParam);
```

```
    window.localStorage.setItem("genreName",genreName);
}
```

Index.js

```
'use strict'

//import all component and fun

import { sidebar } from "./sidebar.js"
import { api_key,imageBaseURL,fetchDataFromServer } from "./api.js";
import { createMovieCard} from "./movie-card.js"
import { search } from "./search.js";

const pageContent = document.querySelector('[page-content]');


sidebar();

// home page section top rated upcoming trending

const homePageSections = [
    {
        title:"Upcoming Movies",
        path:"/movie/upcoming"
    },
    {
        title:"Today\'s Trending Movies",
        path:"/trending/movie/week"
    },
    {
        title:"Top Rate Movies",
        path:"/movie/top_rated"
    },
]






const genreList = {
    // create genre string from id vaf name vd [23,43]=>'action,romance'
    asString(genreIdList){
        let newGenreList = [];
```

```
        //this là cái grenlist khi gọi hàm (trước dấu .)
        for( const genreId of genreIdList){
            this[genreId]&&newGenreList.push(this[genreId]);
            //this == egnreList;
        }
        return newGenreList.join(", ");
    }
};

fetchDataFromServer(
    `https://api.themoviedb.org/3/genre/movie/list?api_key=${api_key}`,
    function({genres}){
        for(const {id,name} of genres){
            genreList[id]=name; //lưu lại casci thể loại
        }
        fetchDataFromServer(
            `https://api.themoviedb.org/3/movie/popular?api_key=${api_key}&page=1
`,
            heroBanner
        );
    }
);



const heroBanner = function({results:movieList}){
    const banner= document.createElement('section');
    banner.classList.add('banner');
    banner.ariaLabel = 'Popular Movies';
    banner.innerHTML=`
        <div class="banner-slider">
        </div>

        <div class="slider-control">
            <div class="control-inner">

            </div>
        </div>
    `

    let controlItemIndex = 0;
    for(const [index,movie] of movieList.entries()){
        const {
            backdrop_path,
            title,
```

```javascript
            release_date,
            genre_ids,
            overview,
            poster_path,
            vote_average,
            id
        } = movie;

        const sliderItem = document.createElement("div");
        sliderItem.classList.add('slider-item');
        sliderItem.setAttribute('slider-item',"");
        sliderItem.innerHTML=`
                <img src="${imageBaseURL}w1280${backdrop_path}" alt="${title}"
class="img-cover" loading=${index === 0 ? "eager":"lazy"}>
                <div class="banner-content">
                    <h2 class="heading">
                        ${title}
                    </h2>
                    <div class="meta-list">
                        <div class="meta-item">${release_date.split("-
")[0]}</div>
                        <div class="meta-item card-
badge">${vote_average.toFixed(1)}</div>
                    </div>
                    <p class="genre">${genreList.asString(genre_ids)}</p>

                    <p class="banner-text">
                        ${overview}
                    </p>
                    <a href="./detail.html" class="btn"
onclick="getMovieDetail(${id})" >
                        <img src="./assets/images/play_circle.png" width="24"
height="24" aria-hidden="true" alt=" play circle" >
                        <span class="span">Watch Now</span>
                    </a>
                </div>
        `;

        banner.querySelector('.banner-slider').appendChild(sliderItem);
        const controlItem = document.createElement('button')
        controlItem.classList.add('poster-box','slider-item');
        controlItem.setAttribute('slider-control',`${controlItemIndex}`);
        controlItemIndex++;

        controlItem.innerHTML = `
```

```
            <img src="${imageBaseURL}w154${poster_path}" alt="Slide to ${title}"
loading="lazy" draggable="false" class="img-cover">
        `;
        banner.querySelector(".control-inner").appendChild(controlItem);
    }

    pageContent.appendChild(banner);

    addheroSlide();

    // fetch data for home page section(top rated....)
    for(const {title,path} of homePageSections){
        fetchDataFromServer(
            `https://api.themoviedb.org/3${path}?api_key=${api_key}&page=1`,
            createMovieList,title
        )
    }
}


const addheroSlide = function(){
    const sliderItems = document.querySelectorAll("[slider-item]")
    const silderControls = document.querySelectorAll("[slider-control]")
    let lastSliderItem = sliderItems[0];
    let lastSliderControl =silderControls[0];
    lastSliderControl.classList.add('active');
    lastSliderItem.classList.add('active');
    const sliderStart = function(){
        lastSliderItem.classList.remove('active');
        lastSliderControl.classList.remove('active')

        // this=slider-control
        sliderItems[Number(this.getAttribute('slider-
control'))].classList.add("active")
        this.classList.add("active");
        lastSliderItem = sliderItems[Number(this.getAttribute('slider-control'))]
        lastSliderControl =this;
    }
    addEventOnElement(silderControls,'click',sliderStart)
}

const createMovieList = function({results:movieList},title){
    const movieListElem = document.createElement("section");
    movieListElem.classList.add("movie-list");
    movieListElem.ariaLabel = `${title}`;
```

```
    movieListElem.innerHTML =`

            <div class="title-wrapper">
                <h3 class="title-lagre">
                    ${title}
                </h3>
            </div>
            <div class="slider-list">
                <div class="slider-inner">

                </div>
            </div>

    `

    for(const movie of movieList){
        const movieCard = createMovieCard(movie); //called form movie_card.js
        movieListElem.querySelector('.slider-inner').appendChild(movieCard);

    }
    pageContent.appendChild(movieListElem);
}

search();
```

moviecard.js

```
"use strict"

import { imageBaseURL } from "./api.js"

// movie card

export function createMovieCard(movie){
    const {
        poster_path,
        title,
        vote_average,
        release_date,
        id
    } = movie;
    const card = document.createElement("div")
```

```
    card.classList.add("movie-card");
    card.innerHTML = `

        <figure class="poster-box card-banner">
            <img src="${imageBaseURL}w342${poster_path}" loading="lazy"
class="img-cover" alt="${title}">
        </figure>
        <h4 class="title">
            ${title}
        </h4>

        <div class="meta-list">
            <div class="meta-item">
                <img src="./assets/images/star.png" width="20" height="20"
loading="lazy" alt="rating">

                <span class="span">${vote_average.toFixed(1)}</span>
            </div>
            <div class="card-badge">${release_date.split("-")[0]}</div>
        </div>

        <a href="./detail.html" class="card-btn" title="${title}" onclick
="getMovieDetail(${id})" ></a>

    `;

    return card;
}
```

Movie-list.js

```
'use strict';
import { api_key,fetchDataFromServer } from "./api.js";
import{createMovieCard} from "./movie-card.js";
import { search } from "./search.js";
import { sidebar } from "./sidebar.js";


const genreName = window.localStorage.getItem("genreName");
const urlParam = window.localStorage.getItem("urlParam");


const pageContent = document.querySelector("[page-content]");


sidebar();
```

```javascript
let currentPage = 1;
let totalPages = 0;
fetchDataFromServer(
    `https://api.themoviedb.org/3/discover/movie?api_key=${api_key}&sort_by=popul
arity.desc&include_adult=false&page=${currentPage}&${urlParam}`,
    function({results:movieList,total_pages}){
        totalPages = totalPages;
        document.title=`${genreName} Movies - TVflix`;
        const movieListElem = document.createElement("section");
        movieListElem.classList.add("movie-list","genre-list");

        movieListElem.ariaLabel = `${genreName} Movies` ;

        movieListElem.innerHTML = `
            <div class="title-wrapper">
                <h1 class="heading">
                    All ${genreName} Movies
                </h1>
            </div>
            <div class="grid-list">
            </div>
            <button class="btn load-more" load-more>Load More</button>
        `;
        // add movie card based on fecth item
        for(const movie of movieList){
            const movieCard = createMovieCard(movie);

            movieListElem.querySelector(".grid-list").appendChild(movieCard)
        }
        pageContent.appendChild(movieListElem)



        // load more

        document.querySelector('[load-
more]').addEventListener("click",function(){
            if(currentPage >= totalPages){
                this.style.display="none"; //this = loadding btn
                return;
            }
            currentPage++;
            this.classList.add("loading");//this = loadding btn
            fetchDataFromServer(
```

```
                `https://api.themoviedb.org/3/discover/movie?api_key=${api_key}&s
ort_by=popularity.desc&include_adult=false&page=${currentPage}&${urlParam}`,({res
ults:movieList}) =>{
                this.classList.remove("loading");
                for(const movie of movieList){
                    const movieCard =createMovieCard(movie);
                    movieListElem.querySelector(".grid-
list").appendChild(movieCard);
                }
            })
        })
    }
)

search();
```

search.js

```
'use strict';
import { api_key,fetchDataFromServer } from "./api.js";
import { createMovieCard } from "./movie-card.js";


export function search(){
    const searchWrapper = document.querySelector("[search-wrapper]");
    const searchField = document.querySelector("[search-field]");
    const searchResultsModal = document.createElement("div");
    searchResultsModal.classList.add("search-modal");
    document.querySelector("main").appendChild(searchResultsModal);

    let searchTimeOut;
    searchField.addEventListener('input',function(){
        if(!searchField.value.trim()){
            searchResultsModal.classList.remove("active");
            searchWrapper.classList.remove("searching");
            clearTimeout(searchTimeOut);
            return;
        }
        searchWrapper.classList.add("searching");
        clearTimeout(searchTimeOut);
        searchTimeOut = setTimeout(function(){
            fetchDataFromServer(
                `https://api.themoviedb.org/3/search/movie?api_key=${api_key}&que
ry=${searchField.value}&page=1&include_adult=false`,
                function({results : movieList}){
```

```
                    searchWrapper.classList.remove("searching");
                    searchResultsModal.classList.add("active");
                    searchResultsModal.innerHTML="";
                    searchResultsModal.innerHTML = `
                    <p class="label">Results for</p>
                    <h1 class="heading">${searchField.value}</h1>
                    <div class="movie-list">
                        <div class="grid-list">
                        </div>
                    </div>
                    `;

                    for(const movie of movieList){
                        const movieCard = createMovieCard(movie);
                        searchResultsModal.querySelector(".grid-
list").appendChild(movieCard);
                    }
                }
            )
        },500)
    })
}
```

Sidebar

```
"use strict";

import { api_key , fetchDataFromServer  } from "./api.js";

export function sidebar(){
    const genreList = {};

    fetchDataFromServer(
        `https://api.themoviedb.org/3/genre/movie/list?api_key=${api_key}`,
        function({genres}){
            for(const {id,name} of genres){
                genreList[id]=name; //lưu lại casci thể loại
            }
            genreLink();
        }
    );

    const sidebarInner = document.createElement('div');
    sidebarInner.classList.add('sidebar-inner');
    sidebarInner.innerHTML = `
```

```html
        <div class="sidebar-list">
            <p class="title">Genre</p>


        </div>

        <div class="sidebar-list">
            <p class="title">Language</p>
            <a href="./movie-list.html" menu-close  class="sidebar-link"
onclick='getMovieList("with_original_language=en","English")'>
                English
            </a>

            <a href="./movie-list.html" menu-close  class="sidebar-link"
onclick='getMovieList("with_original_language=hi","Hindi")'>
                Hindi
            </a>

            <a href="./movie-list.html" menu-close  class="sidebar-link"
onclick='getMovieList("with_original_language=bn","Bengali")'>
                Bengali
            </a>

        </div>
        <div class="sidebar-footer">
            <p class="copyright">
                Copyright 2023
                <a href="https://youtube.com/@codewithsadee">Tran Duc Manh</a>
            </p>
            <img src="./assets/images/tmdb-logo.svg" width="130" height="17"
alt="the movie database logo">
        </div>
    `;


    const genreLink = function(){

        for(const [genreID,genreName] of Object.entries(genreList)){
            const link=document.createElement('a');
            link.classList.add('sidebar-link');
            link.setAttribute("href","./movie-list.html");
            link.setAttribute('menu-close',"");
            link.setAttribute("onclick",`getMovieList("with_genres=${genreID}
","${genreName}")`);
            link.textContent = genreName;
```

```javascript
                // lấy ra cái đầu tiên là các tên thể loại nên có số 0 đằng sau
                sidebarInner.querySelectorAll('.sidebar-
list')[0].appendChild(link);
            }

        const sidebar = document.querySelector("[sidebar]");
        sidebar.appendChild(sidebarInner);
        toggleSidebar(sidebar);
    }

    const toggleSidebar = function(sidebar){
        // bật tả side bả trên mo
        const sidebarBtn = document.querySelector("[menu-btn]");
        const sidebarTogglers =document.querySelectorAll("[menu-toggler]")
        const sidebarClose = document.querySelectorAll("[menu-close]")
        const overlay = document.querySelector('[overlay]')

        addEventOnElement(sidebarTogglers,'click',function(){
            sidebar.classList.toggle('active');
            sidebarBtn.classList.toggle('active');
            overlay.classList.toggle('active');
        });

        addEventOnElement(sidebarClose,'click',function(){
            sidebar.classList.remove('active');
            sidebarBtn.classList.remove('active');
            overlay.classList.remove('active');
        });

    }
}
```