

SOURCE CODE

App-routing module.ts:

```
import { NgModule } from '@angular/core';
import { RouterModule, Routes } from '@angular/router';
import { MoviesComponent } from '../components/movies/movies.component';
import { MoviesDetailsComponent } from '../components/movies-details/movies-
details.component';

const routes: Routes = [
  {path:'', component: MoviesComponent},
  {path:'movies/:id', component:MoviesDetailsComponent},
  {path:'**', component:MoviesComponent , pathMatch:'full'}
];

@NgModule({
  imports: [RouterModule.forRoot(routes)],
  exports: [RouterModule]
})
export class AppRoutingModule { }
```

app.module.ts:

```
import { NgModule } from '@angular/core';
import { BrowserModule } from '@angular/platform-browser';

import { AppRoutingModule } from '../app-routing.module';
import { AppComponent } from '../app.component';
import { MoviesComponent } from '../components/movies/movies.component';
import { MoviesDetailsComponent } from '../components/movies-details/movies-
details.component';
import { CardMovieComponent } from '../components/card-movie/card-
movie.component';
import { HttpClientModule } from '@angular/common/http';

@NgModule({
  declarations: [
    AppComponent,
    MoviesComponent,
    MoviesDetailsComponent,
    CardMovieComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModule,
    HttpClientModule
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

```

    ],
    imports: [
        BrowserModule,
        AppRoutingModule,
        HttpClientModule,
    ],
    providers: [],
    bootstrap: [AppComponent]
  })
  export class AppModule { }

```

movie.service.ts:

```

import { HttpClient } from '@angular/common/http';
import { Injectable } from '@angular/core';
import { Observable } from 'rxjs';

@Injectable({
  providedIn: 'root'
})
export class MovieService {
  private API_URL :String = 'http://www.omdbapi.com/?';
  private API_KEY:String = '&apikey=309546ce';
  constructor(private http:HttpClient) { }

  getMovies(searchString:String):Observable<any>{
    return this.http.get(` ${this.API_URL}&s=${searchString}${this.API_KEY}` );
  }
  getMovie(id:string){
    return this.http.get<any>(` ${this.API_URL}i=${id}${this.API_KEY}` );
  }
}

```

Movies.component.html:

```

<div class="container">
  <div class="jumbotron">
    <h1 class="text-center">Search For Any Movie</h1>
    <div class="search">
      <input type="text" #search class="form-control"
placeholder="Search for Movie"/>
      <i class="fa fa-search fa-2x"
(click)="getMovies(search.value)"></i>
    </div>
  </div>
</div>

```

```

<div class="container">
  <app-card-movie *ngFor="let movie of movies" [movie]="movie">

    </app-card-movie>
</div>

```

Movies.component.ts:

```

import { Component, OnInit } from '@angular/core';
import { MovieService } from 'src/app/_services/movie.service';

@Component({
  selector: 'app-movies',
  templateUrl: './movies.component.html',
  styleUrls: ['./movies.component.scss']
})
export class MoviesComponent implements OnInit {
  movies:any=[];
  constructor(private movieService:MovieService) { }

  ngOnInit(): void {

  }
  getMovies(searchString:String){
    this.movieService.getMovies(searchString).subscribe(response => {
      console.log(response);
      this.movies = response.Search;
    })
  }
}

```

Card-movies.component.html:

```

<div class="movie">
  <div>
    <p>{{movie.Year}}</p>
  </div>
  <div>
    
  </div>
  <div>
    <span>{{movie.Type}}</span>
    <h3>{{movie.Title}}</h3>
    <button class="btn btn-primary"
routerLink="/movies/{{movie.imdbID}}">Movie Details</button>
  </div>
</div>

```

Card-movies.ts:

```
import { Component, Input, OnInit } from '@angular/core';

@Component({
  selector: 'app-card-movie',
  templateUrl: './card-movie.component.html',
  styleUrls: ['./card-movie.component.scss']
})
export class CardMovieComponent implements OnInit {
  @Input('movie') movie!: any;
  constructor() { }

  ngOnInit(): void {
  }

  getImage() {
    if(this.movie.Poster == 'N/A'){
      return 'https://via.placeholder.com/400';
    }else{
      return this.movie.Poster;
    }
  }
}
```

Movies-details.html:

```
<div class="row">
  <div class="col-md-4">
    
  </div>
<div class="col-md-8">
  <h2 class="text-center text-primary">{{movie.Title}}</h2>
  <ul class="list-group">
    <li class="list-group-
item"><strong>GENRE:</strong>{{movie.Genre}}</li>
    <li class="list-group-
item"><strong>Released:</strong>{{movie.Released}}</li>
    <li class="list-group-item"><strong>Rate:</strong>{{movie.Rated}}</li>
    <li class="list-group-item"><strong>IMDB
Rating:</strong>{{movie.imdbRated}}</li>
    <li class="list-group-
item"><strong>Director:</strong>{{movie.Director}}</li>
    <li class="list-group-
item"><strong>Writer:</strong>{{movie.Writer}}</li>
```

```

        <li class="list-group-
item"><strong>Actors:</strong>{{movie.actors}}</li>

    </ul>
</div>

</div>
<div class="row">
    <div class="jumbotron">
        <h3>Plot</h3>
        {{movie.plot}}
        <hr/>
        <a href="https://imdb.com/title/{{movie.imdbID}}" class="btn btn-
primary">View IMDB</a>
        <a [routerLink]="['/movies']" routerLinkActive class="btn btn-
danger">Go Back To Search</a>
        <button class="btn btn-primary">Book Now</button>

    </div>
</div>

```

Movies-details.ts:

```

import { Component, OnInit } from '@angular/core';
import { ActivatedRoute } from '@angular/router';
import { MovieService } from 'src/app/_services/movie.service';

@Component({
  selector: 'app-movies-details',
  templateUrl: './movies-details.component.html',
  styleUrls: ['./movies-details.component.scss']
})
export class MoviesDetailsComponent implements OnInit {
  movie:any;
  constructor(private movieService:MovieService , private
route:ActivatedRoute) { }

  ngOnInit(): void {
    this.loadMovie();
  }
  loadMovie(){
    this.movieService.getMovie(this.route.snapshot.paramMap.get('id')).subscribe(m
ovie =>{
      this.movie = movie;
      console.log(movie);
    });
  }

```

```
})  
}  
}
```

Style.css:

```
/* You can add global styles to this file, and also import other style files  
*/  
/* You can add global styles to this file, and also import other style files  
*/  
  
@import  
url("https://fonts.googleapis.com/css?family=Roboto+Slab:100,300,400,700");  
@import  
url("https://fonts.googleapis.com/css?family=Raleway:300,300i,400,400i,500,500  
i,600,600i,700,700i,800,800i,900,900i");  
  
* {  
  margin: 0;  
  border: 0;  
  box-sizing: border-box;  
}  
  
:root {  
  --font-roboto: "Roboto Slab", serif;  
  --font-raleway: "Raleway", sans-serif;  
}  
  
body {  
  font-family: var(--font-roboto);  
  background-color: gray;  
}  
  
.empty {  
  width: 100%;  
  margin-top: 3rem;  
  
  display: flex;  
  justify-content: center;  
  align-items: center;  
}  
  
.empty h2 {  
  font-size: 1.25rem;  
  color: #f9d3b4;  
  font-family: var(--font-raleway);  
}  
  
.container {
```

```

width: 100%;
margin-top: 3rem;

display: flex;
justify-content: center;
align-items: center;
flex-wrap: wrap;
}

.movie {
width: 310px;
height: 460px;
margin: 1.5rem;

position: relative;
border-radius: 12px;
overflow: hidden;
border: none;

transition: all 0.4s cubic-bezier(0.175, 0.885, 0, 1);
box-shadow: 0px 13px 10px -7px rgba(0, 0, 0, 0.1);
}

.movie div:nth-of-type(1) {
position: absolute;
padding: 16px;
width: 100%;
opacity: 0;
top: 0;
color: #f9d3b4;
}

.movie:hover {
box-shadow: 0px 30px 18px -8px rgba(0, 0, 0, 0.1);
transform: scale(1.05, 1.05);
}

.movie div:nth-of-type(2) {
width: 100%;
height: 100%;
}

.movie div:nth-of-type(2) img {
height: 100%;
width: 100%;
}

.movie div:nth-of-type(3) {

```

```

    z-index: 2;
    background-color: #343739;
    padding: 16px 24px 24px 24px;

    position: absolute;
    bottom: 0;
    right: 0;
    left: 0;
}

.movie div:nth-of-type(3) span {
    font-family: "Raleway", sans-serif;
    text-transform: uppercase;
    font-size: 13px;
    letter-spacing: 2px;
    font-weight: 500;
    color: #f0f0f0;
}

.movie div:nth-of-type(3) h3 {
    margin-top: 5px;
    font-family: "Roboto Slab", serif;
    color: #f9d3b4;
}

.movie:hover div:nth-of-type(2) {
    height: 100%;
    opacity: 0.3;
}

.movie:hover div:nth-of-type(3) {
    background-color: transparent;
}

.movie:hover div:nth-of-type(1) {
    opacity: 1;
}

@media screen and (max-width: 600px) {
    .app {
        padding: 4rem 2rem;
    }

    .search {

        padding: 1rem 1.75rem;
        width: 100%;
    }
}

```



```
.search input {  
  font-size: 1rem;  
}  
  
.search img {  
  width: 20px;  
  height: 20px;  
}  
}  
  
@media screen and (max-width: 400px) {  
  .app {  
    padding: 4rem 1rem;  
  }  
  
  .container {  
    margin-top: 2rem;  
  }  
  
  .movie {  
    width: "100%";  
    margin: 1rem;  
  }  
}
```