Workshop: Movie Magic - Part 1

Your team at work is tasked with creating a website that will attract movie enthusiasts. The site is called "Movie Magic". Its purpose is to create an attractive and interactive platform for movie fans that offers a unique and enriching experience.

If you want, you can try to create the workshop in GitHub.

Install Dependencies

Run **`'npm init'`** to create a new project and **`'npm install express express-handlebars path'`** to install all the dependencies.

Create Files

index.js

```
const express = require('express');

const app = express();
const port = 3000;

//TODO...

app.listen(port, console.log(`The app is running ${port}...`))
```

hbsConfig.js

```
const { engine } = require('express-handlebars');
const path = require('path');

function hbsConfig(app) {
    //TODO...
}

module.exports = hbsConfig;
```

expressConfig.js

```
const express = require('express');
const path = require('path');

function expressConfig(app) {
    //TODO...
}

module.exports = expressConfig;
```

© SoftUni – https://softuni.org. Copyrighted document. Unauthorized copy, reproduction or use is not permitted.

routes.js

```
const router = require('epxress').Router();

//Require Controllers

module.exports = router;
```

1. Create Models

1.1. Movie Model

Each movie should have the following properties (for now it could be an ES6 class):

- **id** – number
- **title** – string
- **genre** – string
- **director** – string
- **year** – number
- **imageURL** – string
- **rating** – number
- **description** – string

1.2. Storage

Store the movies inside a **/config/database.json**

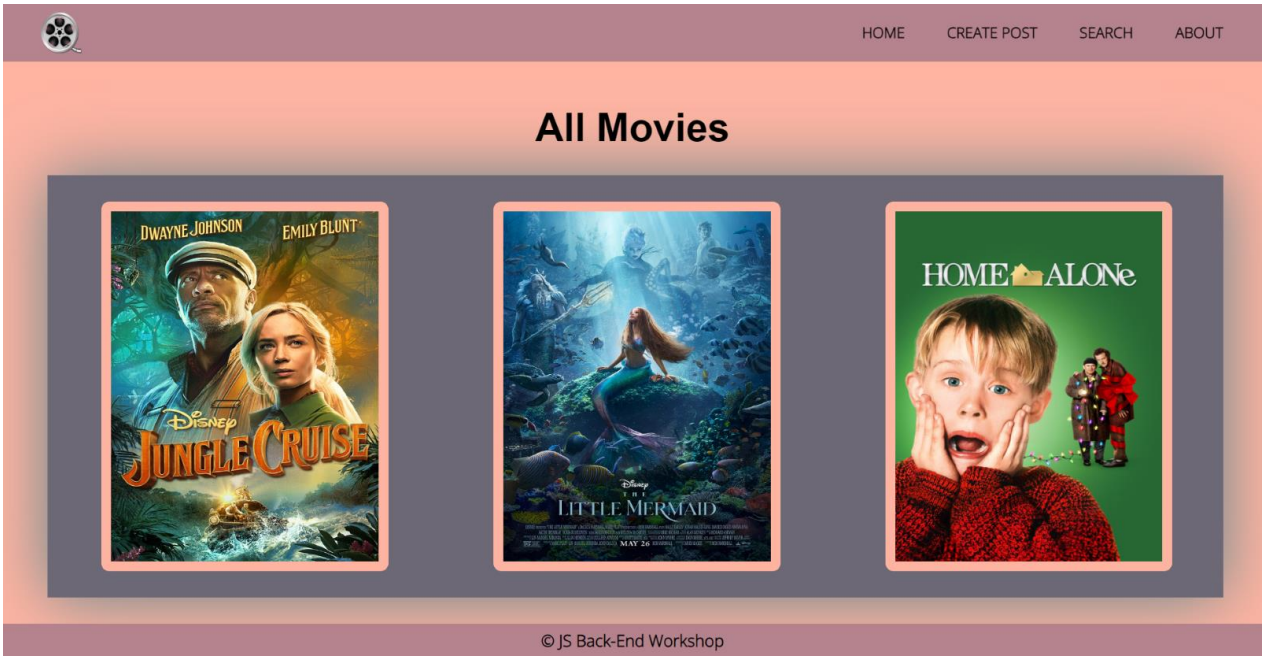
1.3. Create Routes

You should implement the following routes:

- **/** – the main page (should visualize all the movies in the database).
- **/about** – should render the about page.
- **/create** – should render the create movie form.
- **/details/:id** – should render the details page about the selected movie.
- **Any other** – should render the 404 not found page.

© SoftUni – https://softuni.org. Copyrighted document. Unauthorized copy, reproduction or use is not permitted.

Main Page

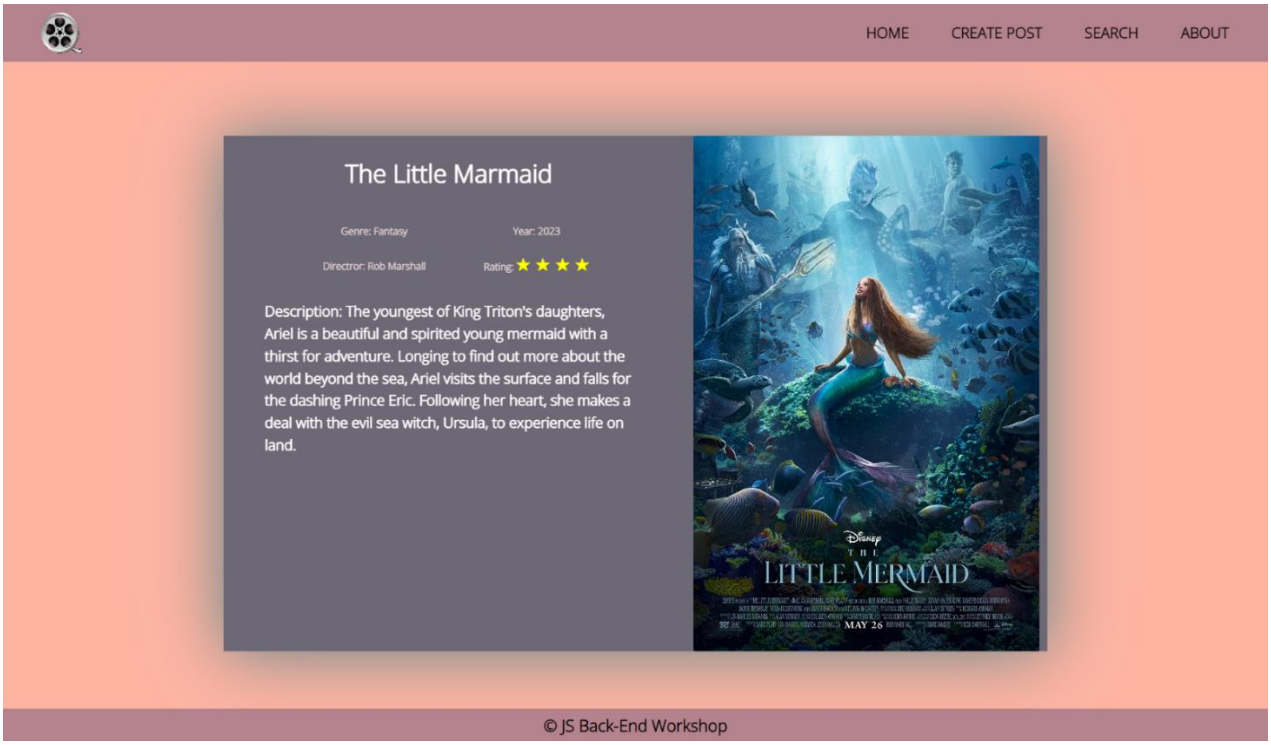


About Page

© SoftUni – https://softuni.org. Copyrighted document. Unauthorized copy, reproduction or use is not permitted.
Follow us:

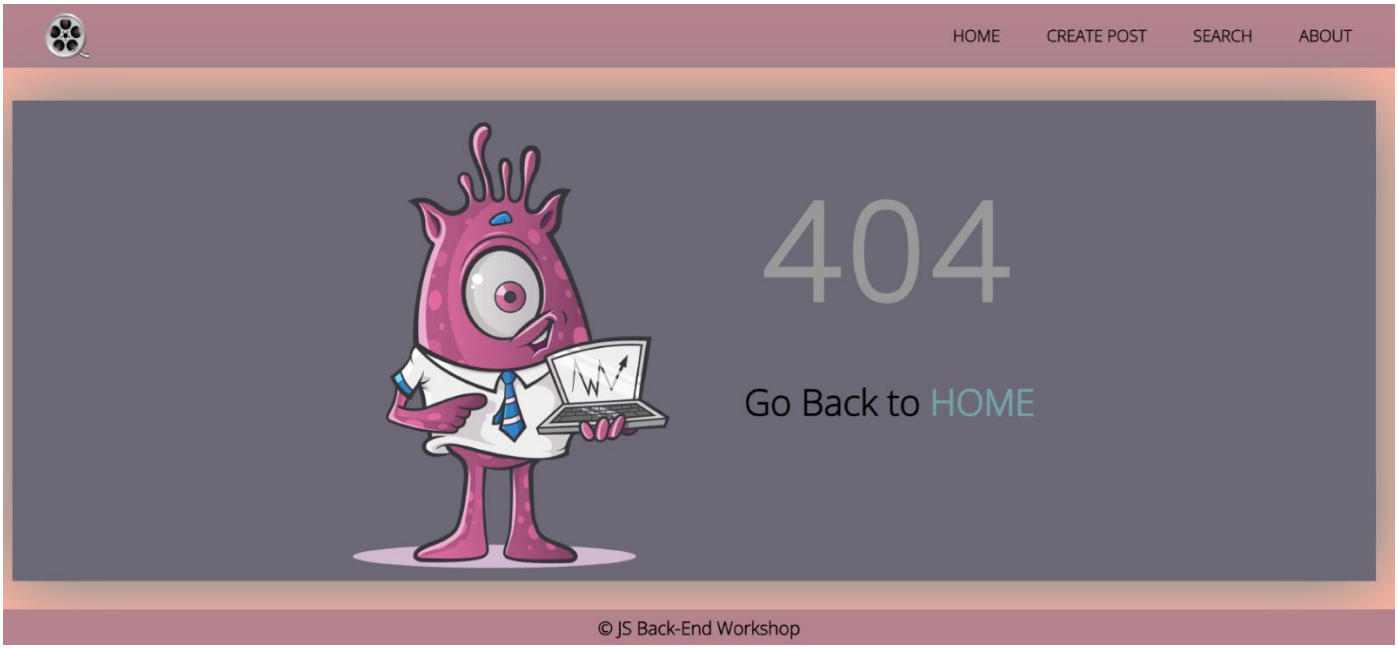
Create Page

Details Page



© SoftUni – https://softuni.org. Copyrighted document. Unauthorized copy, reproduction or use is not permitted.
Follow us:

Not Found Page



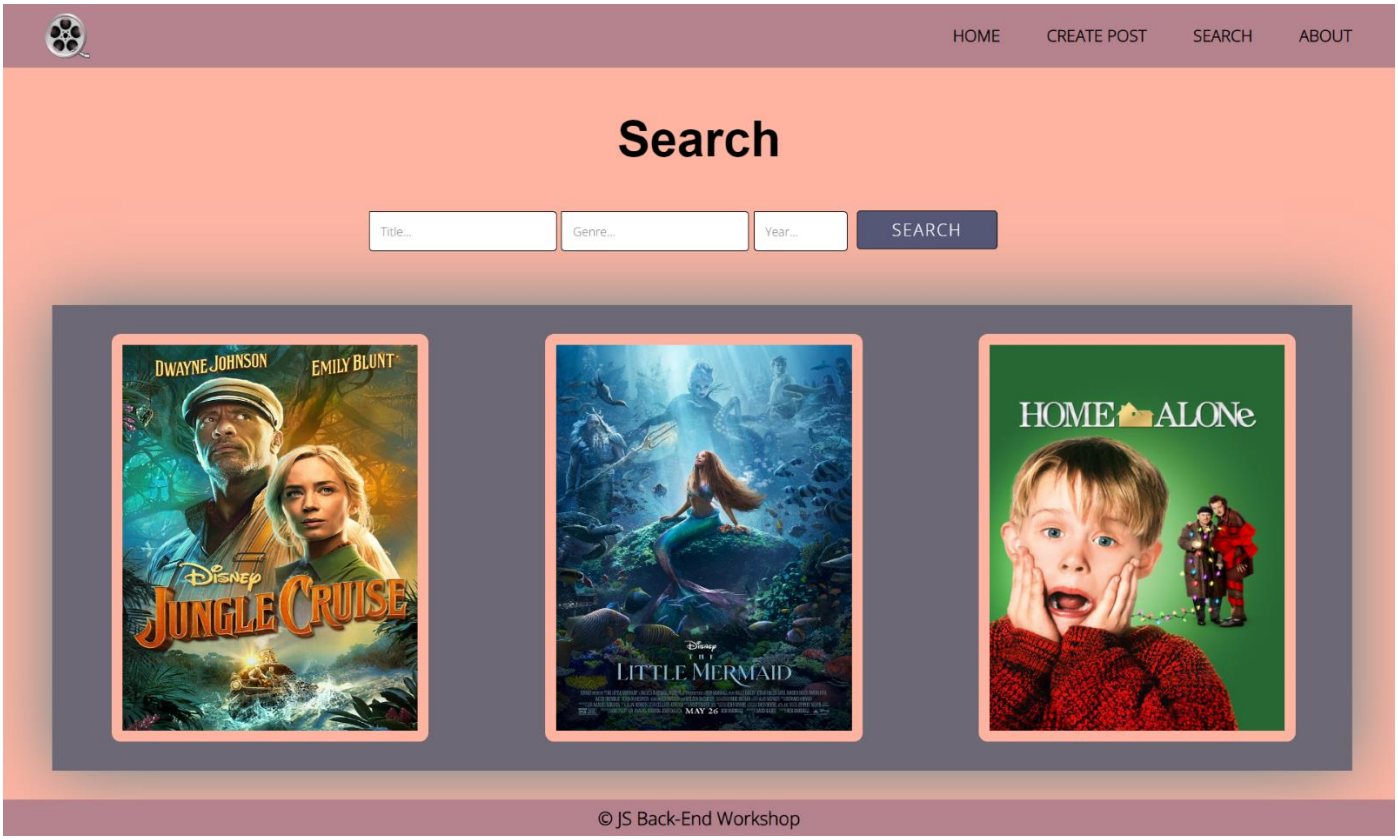
2. Create Templates

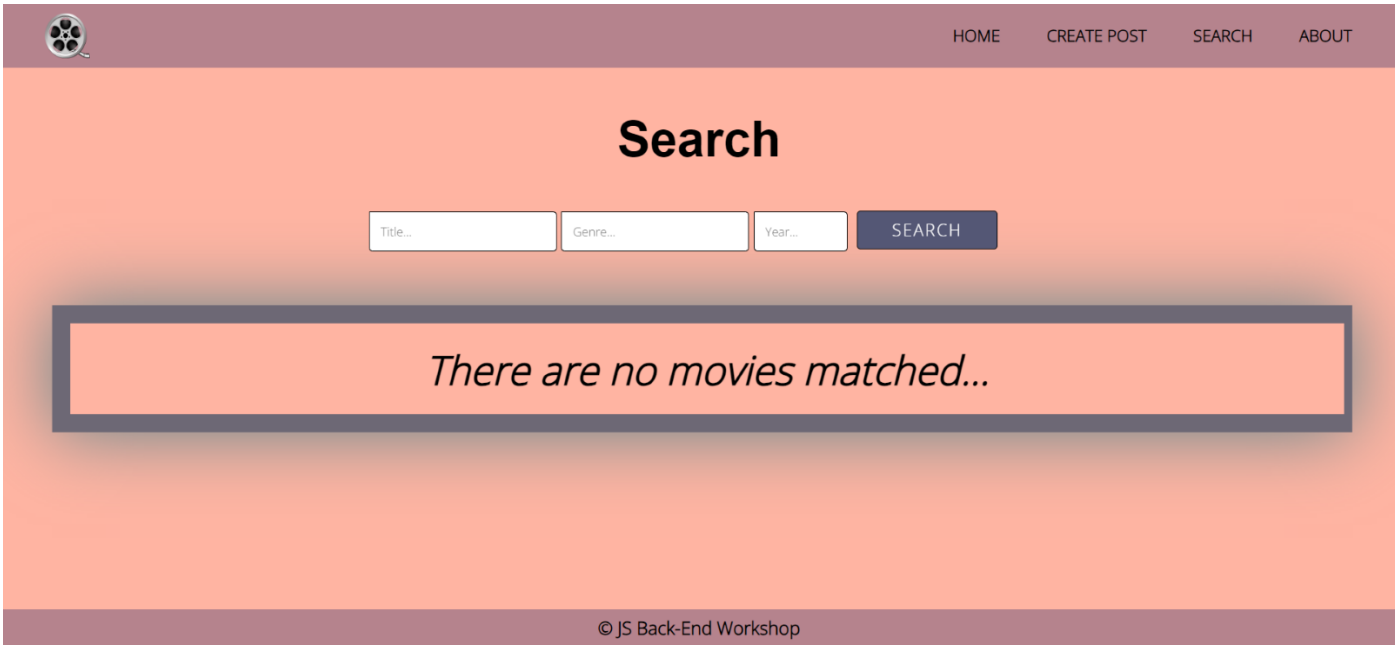
Use the provided HTML to create templates using Handlebars. Identify the dynamic parts and use appropriate syntax for interpolating and rendering the application context.

3. *Search

Search for a specific movie. When you first access the search page using the route **`/search`**, you should be able to see all the movie offers. Filter all matches by (part of) the title, genre, and year (case-insensitive). If the search fields are empty, show all movies.

© SoftUni – https://softuni.org. Copyrighted document. Unauthorized copy, reproduction or use is not permitted.
Follow us:





Good Luck! 😊

© SoftUni – https://softuni.org. Copyrighted document. Unauthorized copy, reproduction or use is not permitted.
Follow us: