

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;
```

routes.js

```
const router = require('express').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

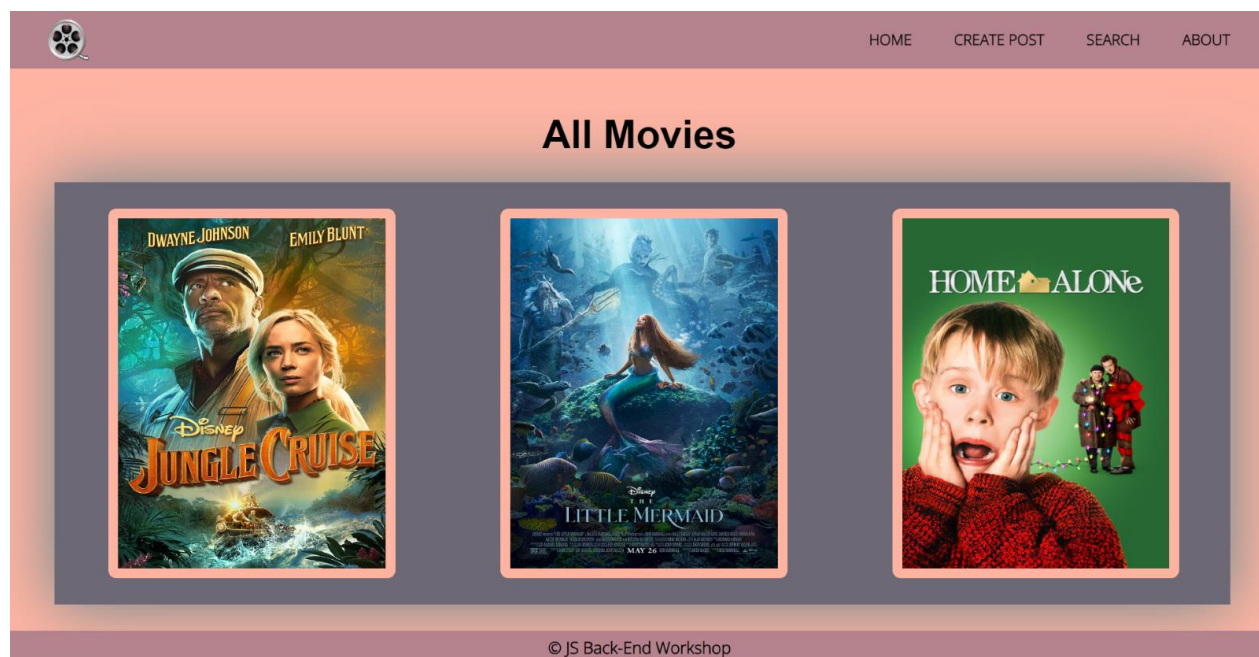
Store the movies inside a **/config/database.json**

1.3. Create Routes

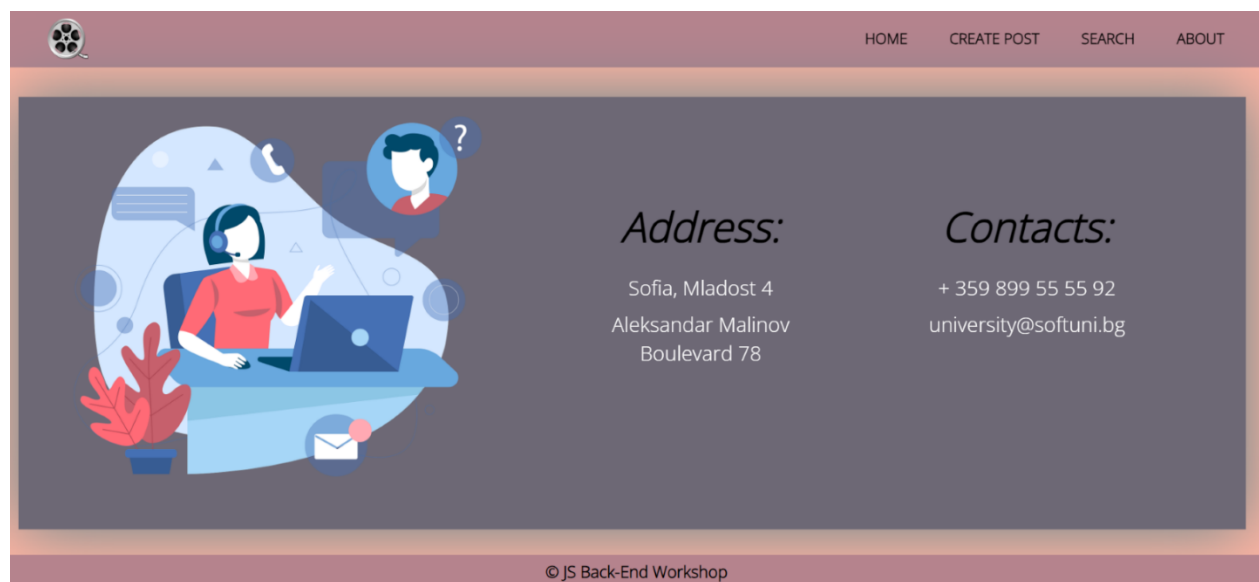
You should implement the following routes:

- **/** – 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.


Main Page



About Page



Create Page



HOMECREATE POSTSEARCHABOUT

"Today, I consider myself the luckiest man on the face of the earth." -The Pride of the Yankees, 1942

Add Movie

Title:

Genre:

Director:

Year:

Movie Poster:


Rating:

Description:

Add Movie

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Details Page




HOMECREATE POSTSEARCHABOUT

The Little Marmaid

Genre: Fantasy Year: 2023

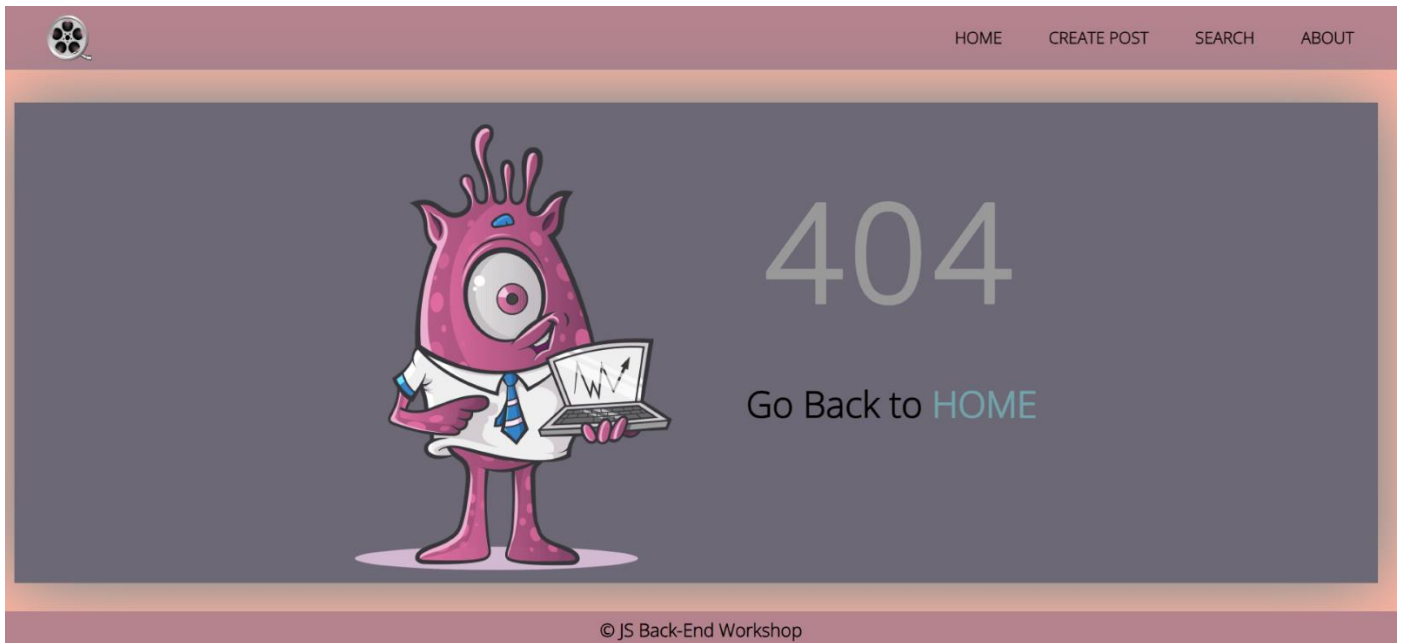
Director: Rob Marshall Rating: ★★★★★

Description: The youngest of King Triton's daughters, Ariel is a beautiful and spirited young mermaid with a thirst for adventure. Longing to find out more about the world beyond the sea, Ariel visits the surface and falls for the dashing Prince Eric. Following her heart, she makes a deal with the evil sea witch, Ursula, to experience life on land.



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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.



Search



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Search

There are no movies matched...

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Good Luck! 😊