

# 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



The image shows a movie poster grid titled "All Movies". It features three movie posters: "Jungle Cruise" (Dwayne Johnson and Emily Blunt), "The Little Mermaid" (Ariel), and "Home Alone". Each poster is framed by a pink border.

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## About Page



The image shows an "About" page. On the left, there is an illustration of a person wearing a headset and working on a laptop, surrounded by icons related to communication and technology. On the right, there is contact information:

**Address:**  
Sofia, Mladost 4  
Aleksandar Malinov  
Boulevard 78

**Contacts:**  
+ 359 899 55 55 92  
university@softuni.bg

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## Create Page



HOME CREATE POST SEARCH ABOUT

"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:

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## Details Page



HOME CREATE POST SEARCH ABOUT

The Little Mermaid

Genre: Fantasy Year: 2023

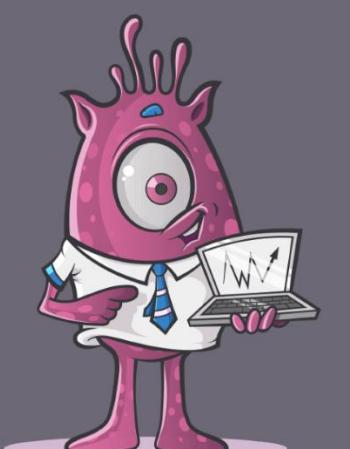
Director: Rob Marshall Rating: ★★★★

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



404

Go Back to [HOME](#)

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## 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

 Title...  Genre...  Year... 

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# Search

 Title...  Genre...  Year... 

*There are no movies matched...*

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# Good Luck!

