**MOVIE SEARCH DOCUMENTATION**

**The Movie Search Application allows you to search for movies based on title or keywords and displays relevant movie information. This documentation will guide you through the setup, running, and usage of the application.**

**Prerequisites:**

**Visual Studio Code with npm (Node Package Manager) must be installed on your system.And also Jest for unit test cases.**

**Installation:**

**1.Clone the repository from GitHub:**

**git clone <repository\_url>**

**2.Navigate to the project directory:**

**cd movie-search-app**

**3.Install the dependencies:**

**npm install**

**Obtaining API Key:**

**To use the Movie Search Application, you need an API key from OMDb (Open Movie Database) API. Follow these steps to obtain the API key:**

**1.Visit the OMDb website: http://www.omdbapi.com**

**2.Sign up for a free account or log in if you already have one.**

**3.Go to your account settings and navigate to the API section.**

**4.Through mail a new API key with instructions were provided by OMDb.**

**Ex:** https://www.omdbapi.com/?s=avengers&page=1&apikey=3aa4601c

**5.Copy the API key, as you will need it in the next steps.**

**Configuration:**

**1.Open the script.js file in the project's root directory.**

**2.Use that url.**

**Running the Application:**

**1.Install live server extension.**

**2.It will automatically redirects to the browser and display movie search application.**

**Usage:**

**Enter a movie title or keyword in the search input field.**

**As you type, the search results will be dynamically updated below the search input.**

**Click on a movie from the search results to view more details or perform additional actions.**

**Running Tests:**

**Basic unit tests for key components, such as the search functionality and API integration.**

**Provide instructions for setting up and running the tests. using javascript.**

**Install Jest using npm:**

**npm install --save-dev jest**

**Run the tests using Jest:**

**npx jest**

**This will run the tests and display the results in the console.**