



# CINEMAGIC WEBSITE

Internet programming final project

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## Technologies

**HTML:** Used in every .html file for views in the web pages.

**CSS:**

- Used for styling in each .CSS file for styling the HTML.
- Color palette used for all the colors in the CSS

**JavaScript:** Used for making the website more interactive.

**AJAX:** Used for the **GET** and **Post** requests essential for the interaction with the back end of the website.

**PHP:** Used as the backbone and the main component of the website's back end.

**MYSQL:** Used in each and every PHP request since all of the website's content related to movies, tickets and users are saved in a MYSQL Database.

**Registration Validation Mechanisms using JavaScript:**

- Email entered must be in a format of "user@server.com" using Regular Expression
- Credit card number entered should be exactly 16 digits
- Password and repeat password should be the same
- Passwords and credit cards pin are encrypted

**Login Mechanism:**

- The email and password should match what is in the database
- Password is sent to the database in an encrypted format

**Embed YouTube Video:** Used in every description page of each movie (the frame is put in the database and retrieved with each movie description to be put in an element).

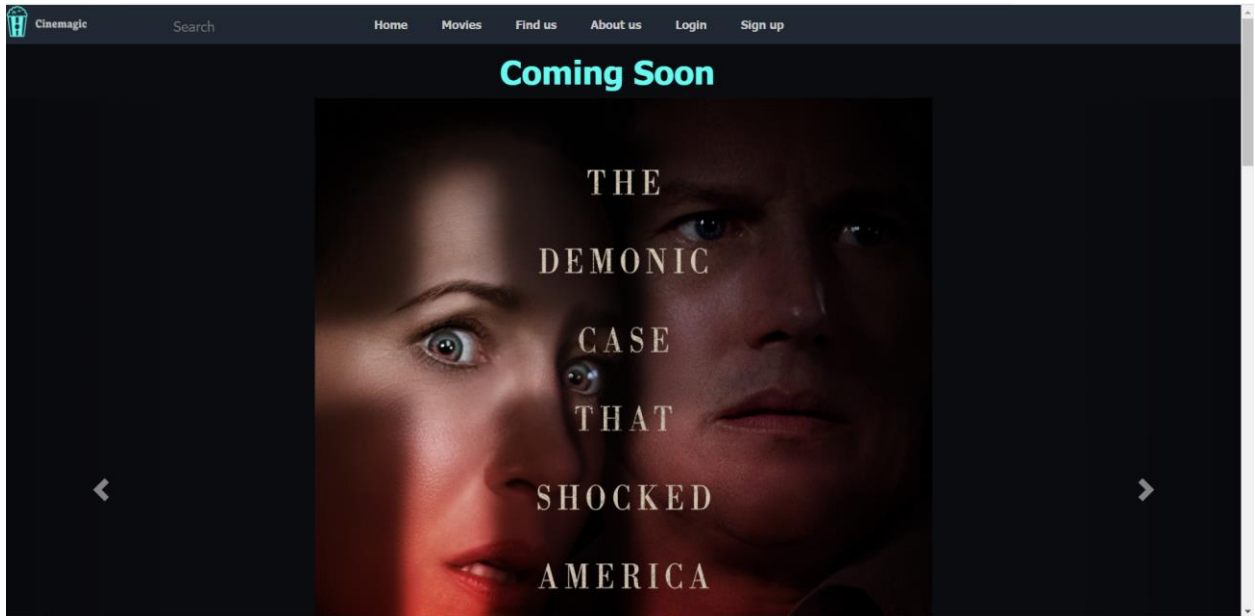
**jQuery:**

- Used in the document.onready function, which is executed when the document is ready to be displayed to the user
- Used with the AJAX to perform the **GET** and **POST** requests to the back end.

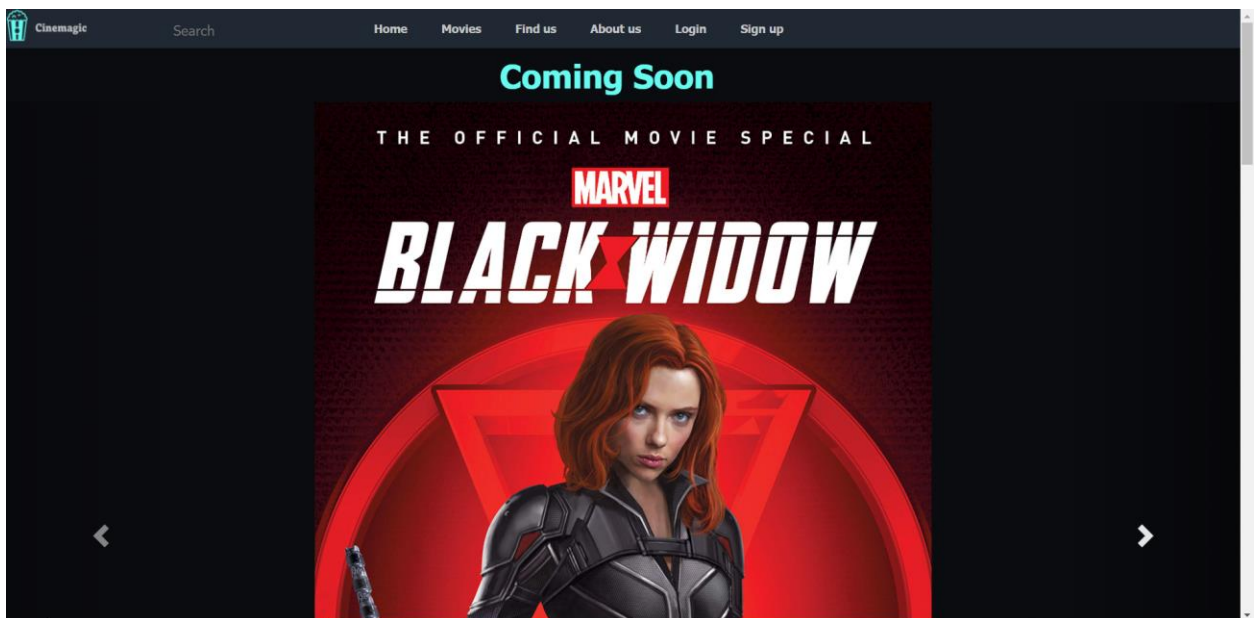
## User manual

### Home page

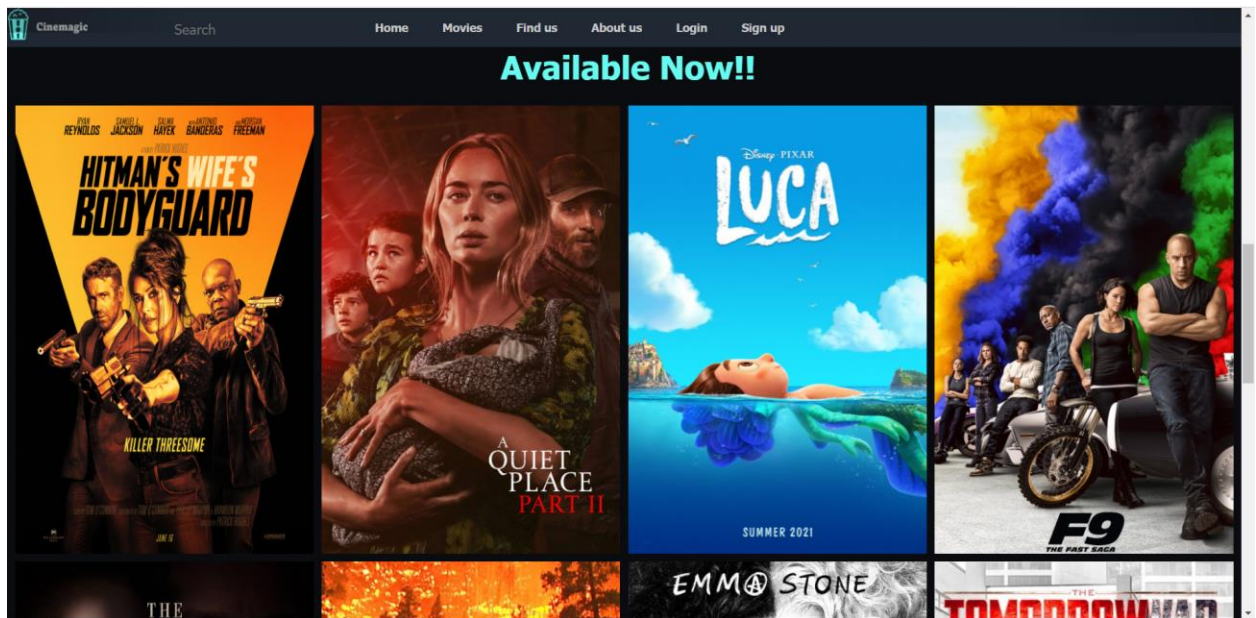
#### Coming soon



The home page is divided into two parts, The first part contains a list of the upcoming movies in form of a wrapper that changes the movie displayed automatically, and you can also use the arrows to slide between them



Available now

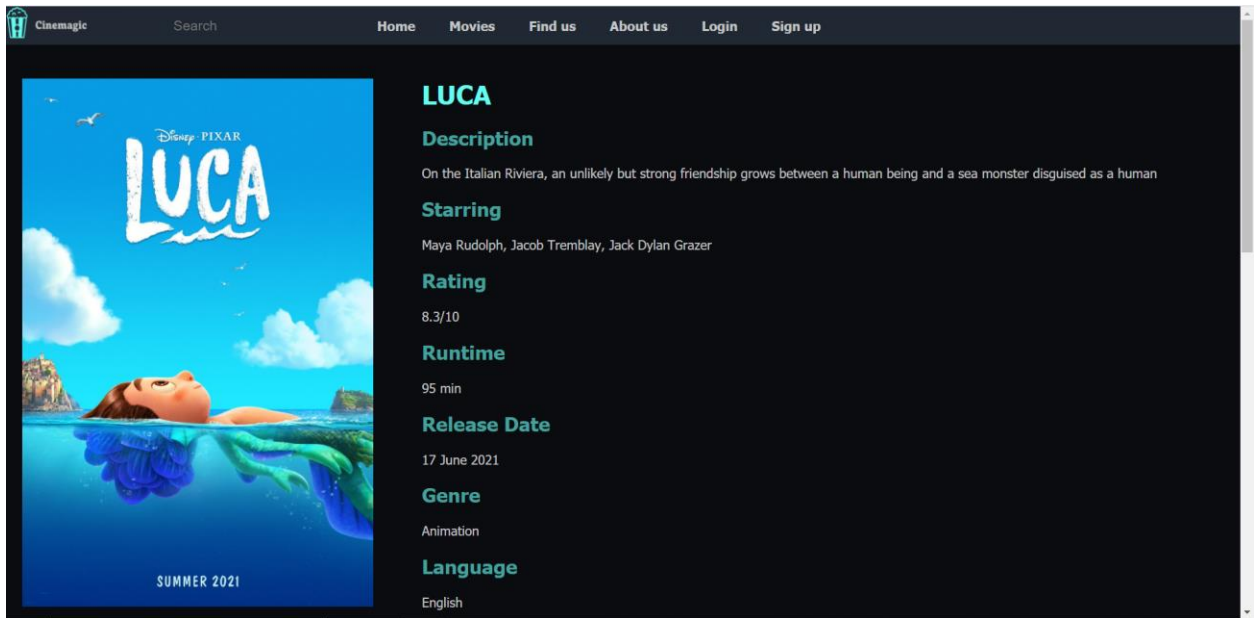


The second part in the home page is the 'Available now' movies in our cinema "Cinemagic".

By pressing on any movie in this list you will be redirected to the next part which is the movie description.

## Movie description

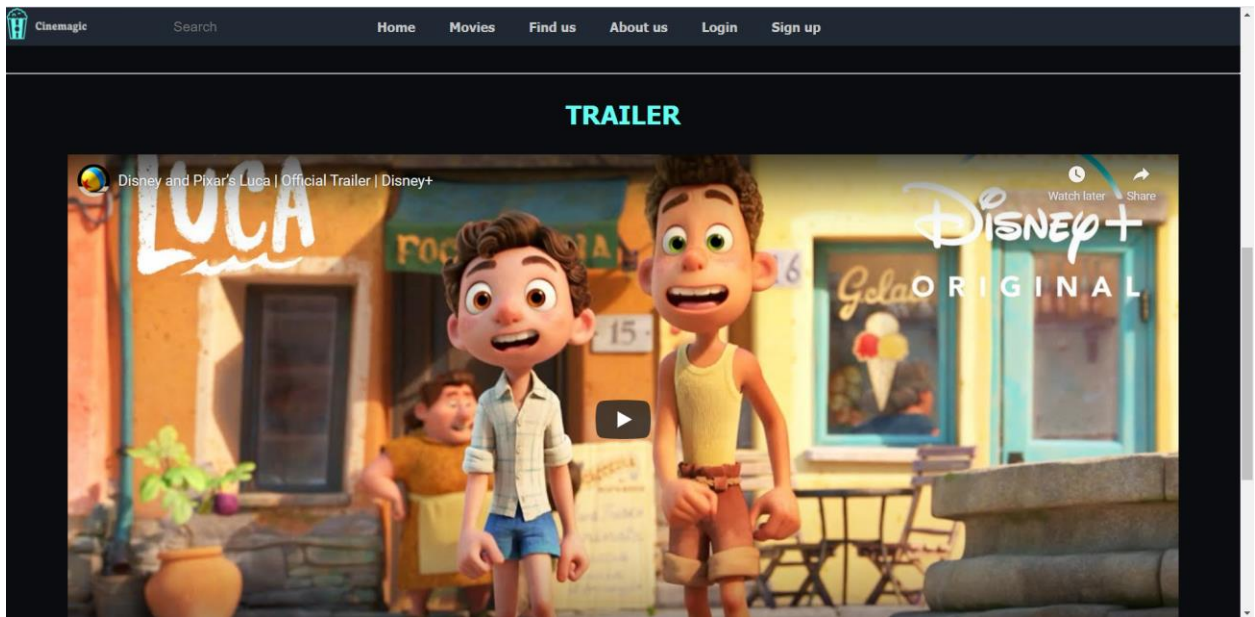
### Movie information



The screenshot shows the Cinemagie website interface. At the top is a navigation bar with links: Home, Movies, Find us, About us, Login, and Sign up. Below the navigation bar, on the left, is a large movie poster for 'Luca' by Disney Pixar, featuring a sea monster disguised as a human. To the right of the poster, the movie title 'LUCA' is displayed in large green letters. Below the title, the word 'Description' is followed by a paragraph: 'On the Italian Riviera, an unlikely but strong friendship grows between a human being and a sea monster disguised as a human'. Below this, the 'Starring' section lists the cast: 'Maya Rudolph, Jacob Tremblay, Jack Dylan Grazer'. The 'Rating' section shows '8.3/10'. The 'Runtime' section shows '95 min'. The 'Release Date' section shows '17 June 2021'. The 'Genre' section shows 'Animation'. The 'Language' section shows 'English'.

On the left side you will find the movie image and on the right side you will find the movie name followed by the description which contains: Description, starring, rating, runtime, release date, genre and language.

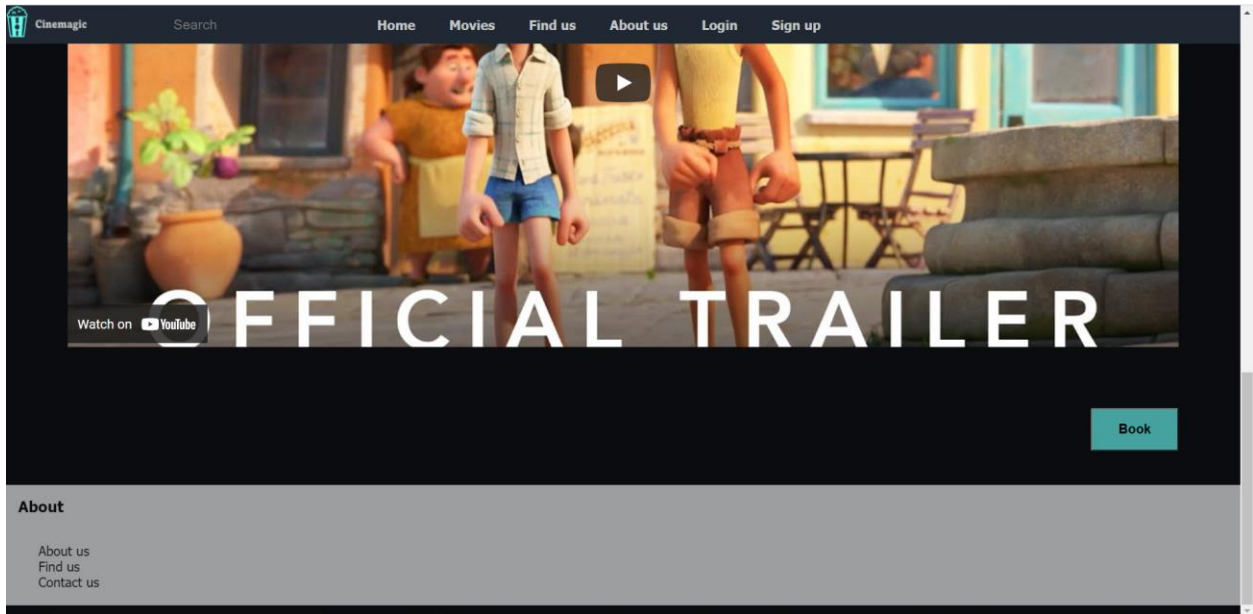
## Trailer



The screenshot shows the Cinemagie website interface. At the top is a navigation bar with links: Home, Movies, Find us, About us, Login, and Sign up. Below the navigation bar, the word 'TRAILER' is displayed in large green letters. Below the trailer title, there is a video player showing the official trailer for 'Luca'. The video player has a play button in the center. The video frame shows two young boys standing in front of a building with a sign that says 'FOOD'. The Disney+ logo is visible in the top right corner of the video frame, along with the text 'Disney and Pixar's Luca | Official Trailer | Disney+'. The video player also has 'Watch later' and 'Share' buttons in the top right corner.

The second part of the page contains the movie trailer in the form of embedded youtube video.

## Book



If you want to book tickets to this movie you can press the 'Book' button which will redirect you to the next part.

If you are not logged in you will be redirected to the login or signup page, if you are already logged in you will be redirected to the booking(choose tickets) page

## Sign-up

**Sign Up**

**First Name**  
Petra

**Last Name**  
Atel

**Email**  
petraatet47@gmail.com

**Password**  
Enter Your Password

**Confirm Password**  
Confirm Your Password

**Credit Card Number**  
Enter Credit Card Number

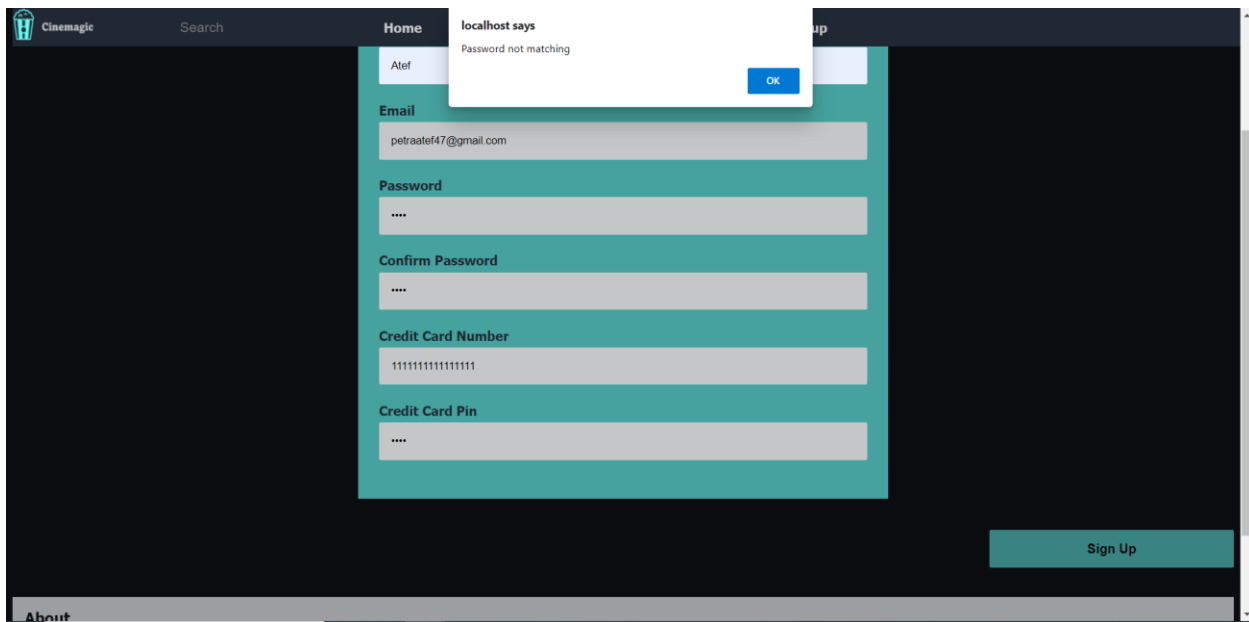
**Credit Card Pin**  
Enter Credit Card Pin

In this page you are asked to enter your information which is being validated before storing it in the database based on the following criteria:

- Password shouldn't be less than 8 characters.
- Confirm password field should match the password.
- Valid email [example@example.ex](mailto:example@example.ex).
- Credit-card number should be 16 digits no more or less.
- Credit-card pin should be 4 digits.

And you will find three different color tones in the input fields, one if it contains a value, another one if we will write in it and the last one is the default.



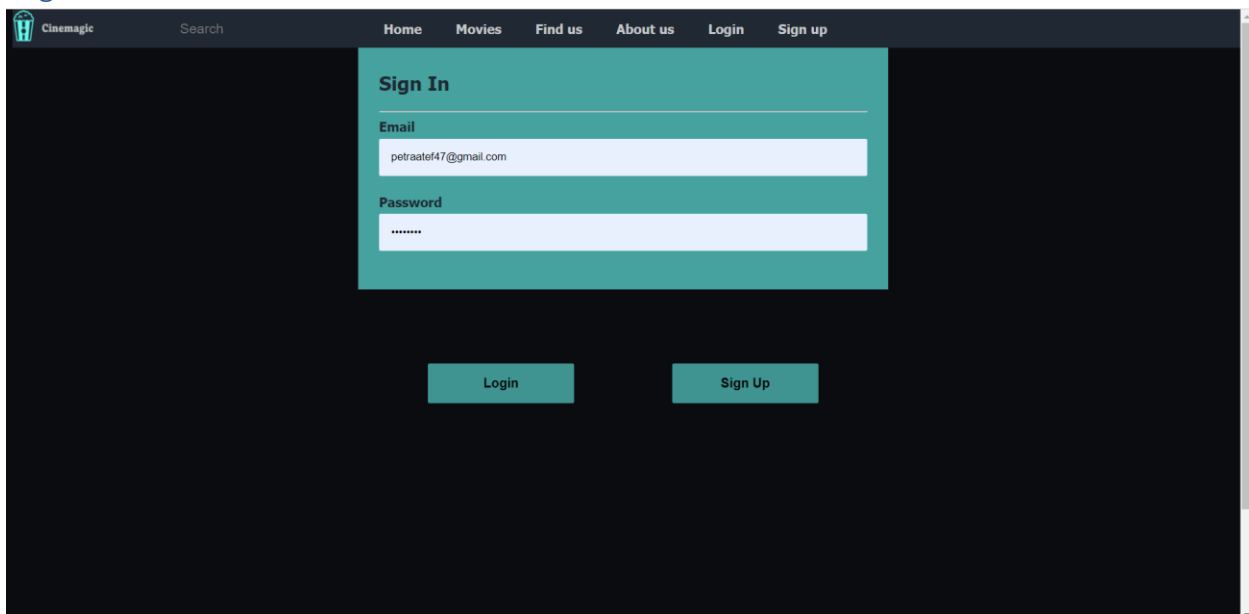


Example of the alert if the password is not matching the confirm password or it's too short.

Then after filling all the fields press the sign-up button and you will be redirected to the login page to login.

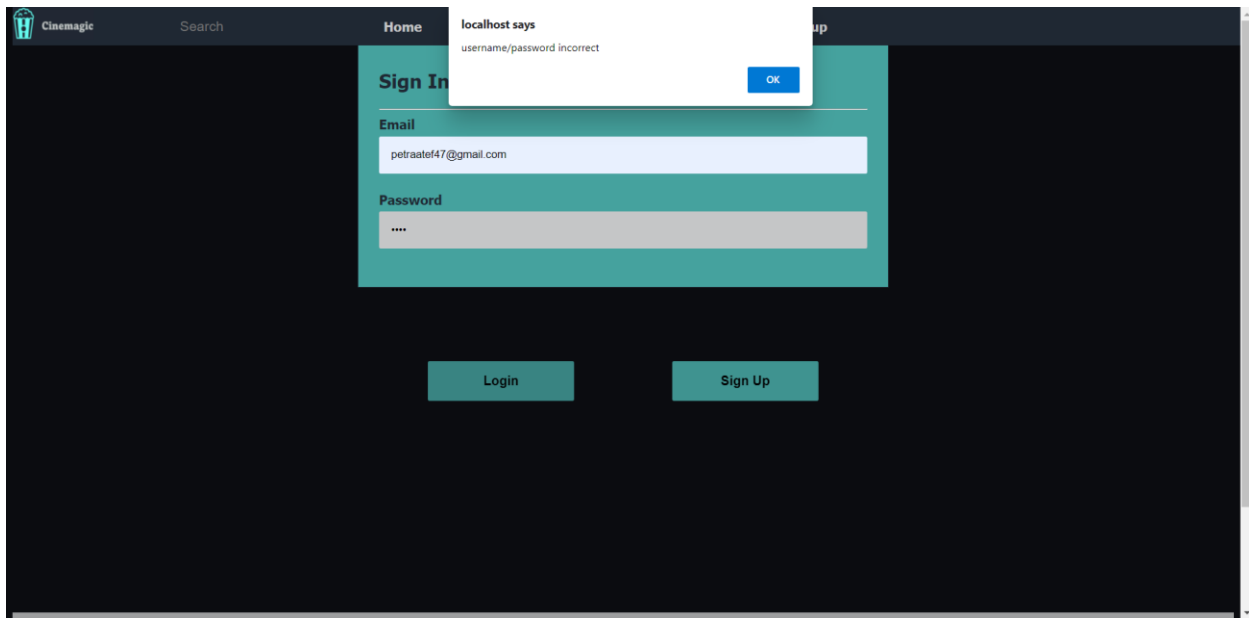
Note: the password and credit card pin are being hashed before storing them in the database.

## Login

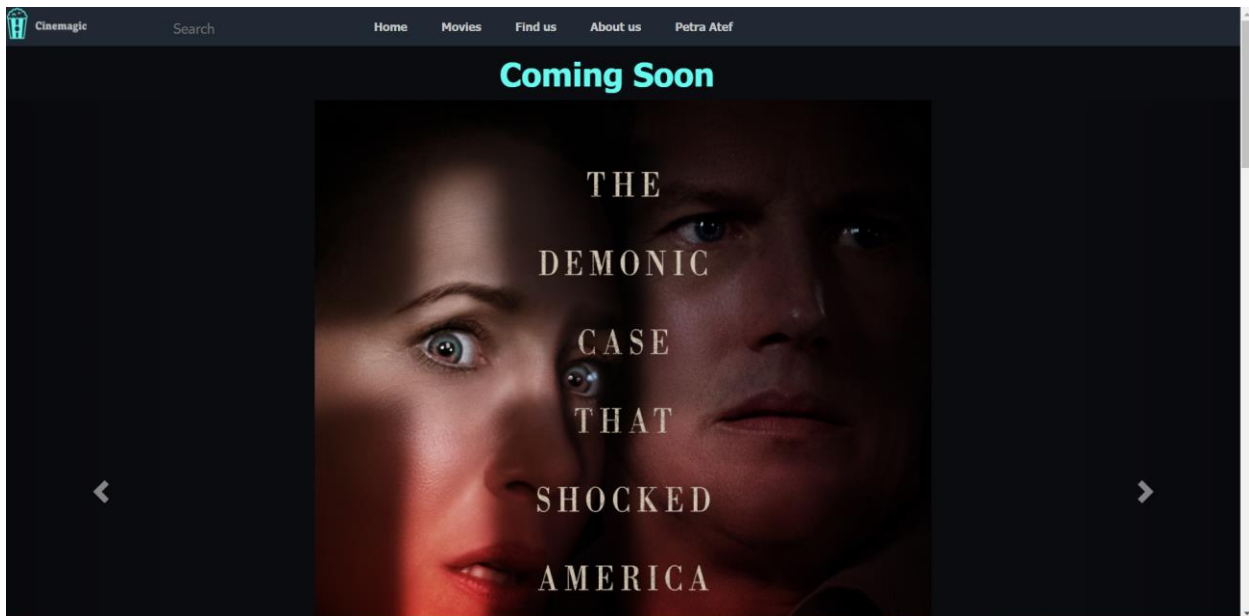


Here you should enter the same email and password you signed up with to login successfully.

And in case of wrong inputs you will see this alert:



After login successfully you will be redirected to the home page with your name in the navbar instead of the login/signup



## Booking

**Select your seat**

**Choose Your Suitable Time**

Time

Screen

A1	A2	A3	A4	A5
B1	B2	B3	B4	B5
C1	C2	C3	C4	C5
D1	D2	D3	D4	D5
E1	E2	E3	E4	E5

Submit

Choose all the tickets you want to reserve.

**Select your seat**

**Choose Your Suitable Time**

12:00

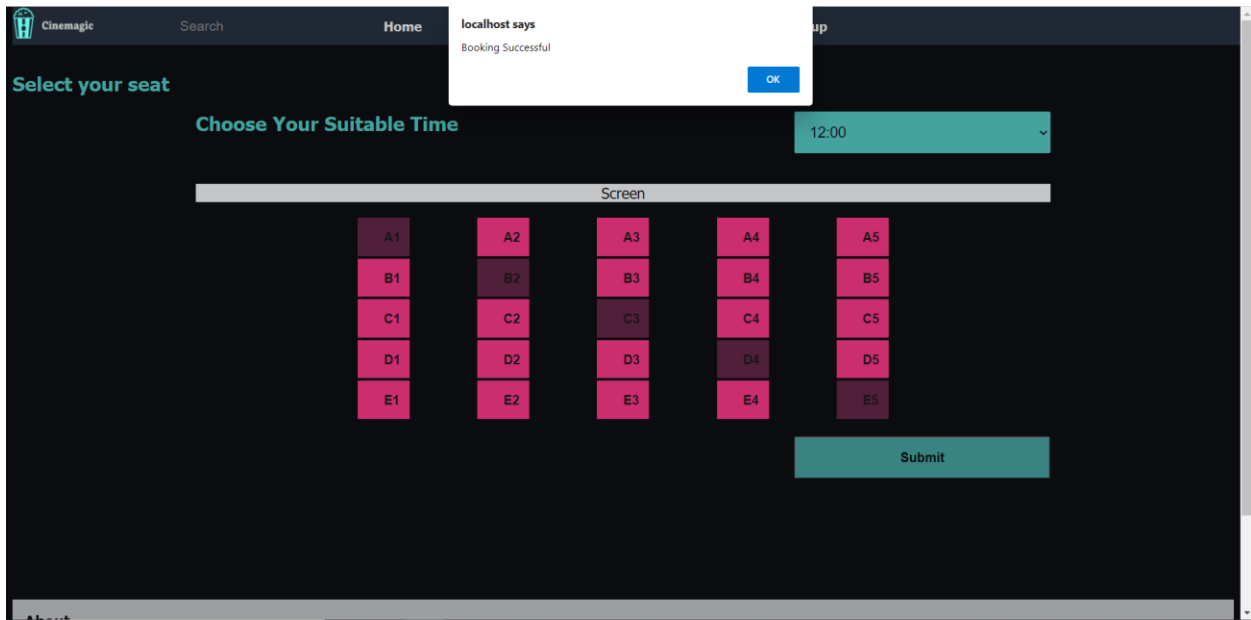
Screen

A1	A2	A3	A4	A5
B1	B2	B3	B4	B5
C1	C2	C3	C4	C5
D1	D2	D3	D4	D5
E1	E2	E3	E4	E5

Submit

You will find the color of the tickets you choose change and you can click on them again to remove them from your set of chosen tickets.

After you finish click the submit button and you will be redirected to the home page once more.



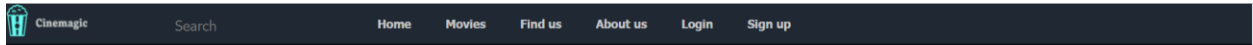
The alert that appear on submitting successfully.

Note: the reserved tickets can't be reserved again, which means that when you re-enter the booking page of the same movie again you will find that the pre-reserved tickets are different in color and disabled.

## Header and footer

At the beginning and ending of each page you will find the nav-bar and footer to help you get better user experience in our web-site.

### Nav-bar

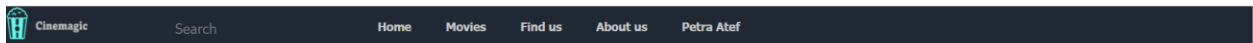


In the navbar you will find our own logo with our unique name on the left side of the nav-bar

Cinemagic is a mix between cinema and magic.

Then you will find:

- search (currently unhandled).
- Home: will redirect you to the home page.
- Movies: will redirect you to the list of movies in the home page.
- Find us (currently unhandled).
- About us (currently unhandled).
- Login: will redirect you to the login page.
- Sign up: will redirect you to the sign up page.



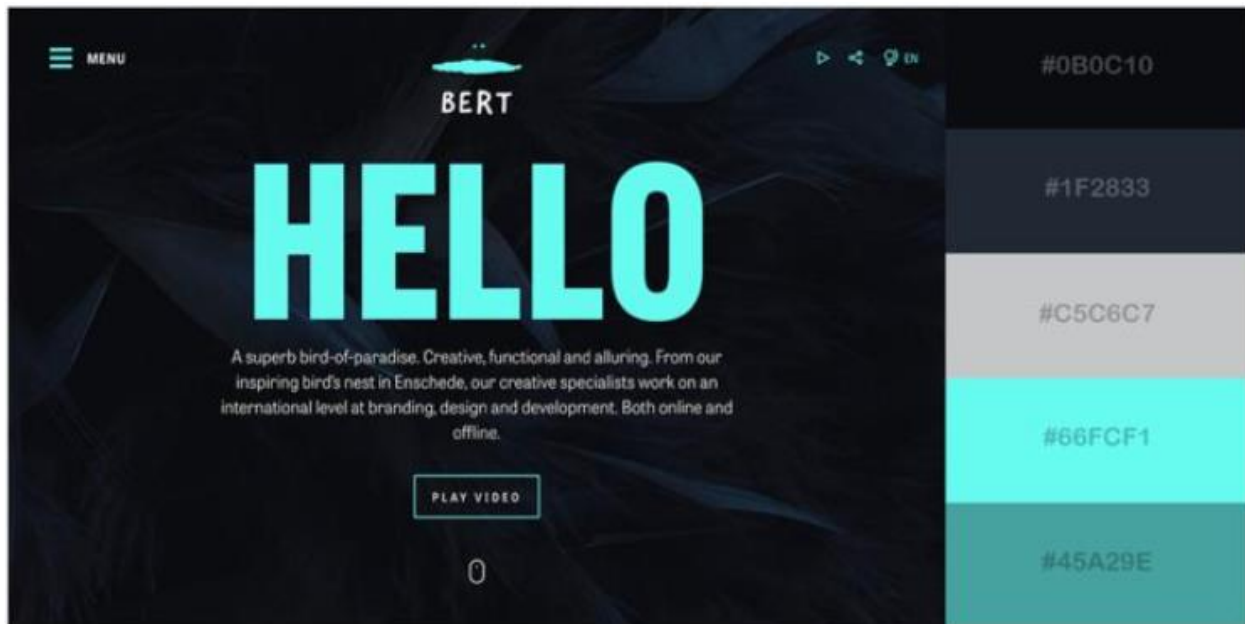
And this is the nav-bar after login (username instead of login and sign up)

### Footer



In the footer you will find about us, find us, contact us which is currently unhandled

## Color palette



We chose this color palette to follow in our design as it looks professional, contains matching color combination and at the same time it contains two aqua colors which looks fun.

And we chose to add the pink tone that perfectly match the aqua color in the booking seats buttons to add contrast and make the page looks more fun.