



SWDV 691- Capstone Project

Movie Time

By: Hoda Saad

What is Movie Time?



Welcome to Movie Time

Success! Welcome To Movie Time

Hello Movies



Movie Time is an entertaining app, that has a variety of movies for all ages. It has many movie categories and one special category of family movies which is good and safe for kids to watch. Also, the user should be able to search for movies instead of looking into the categories.

Problems

- The website should include specific category for family which includes movies that are safe to watch by kids. This category should help the parents not to be worried while kids are using the app.
- The way of communication between users and admins shouldn't be complicated.



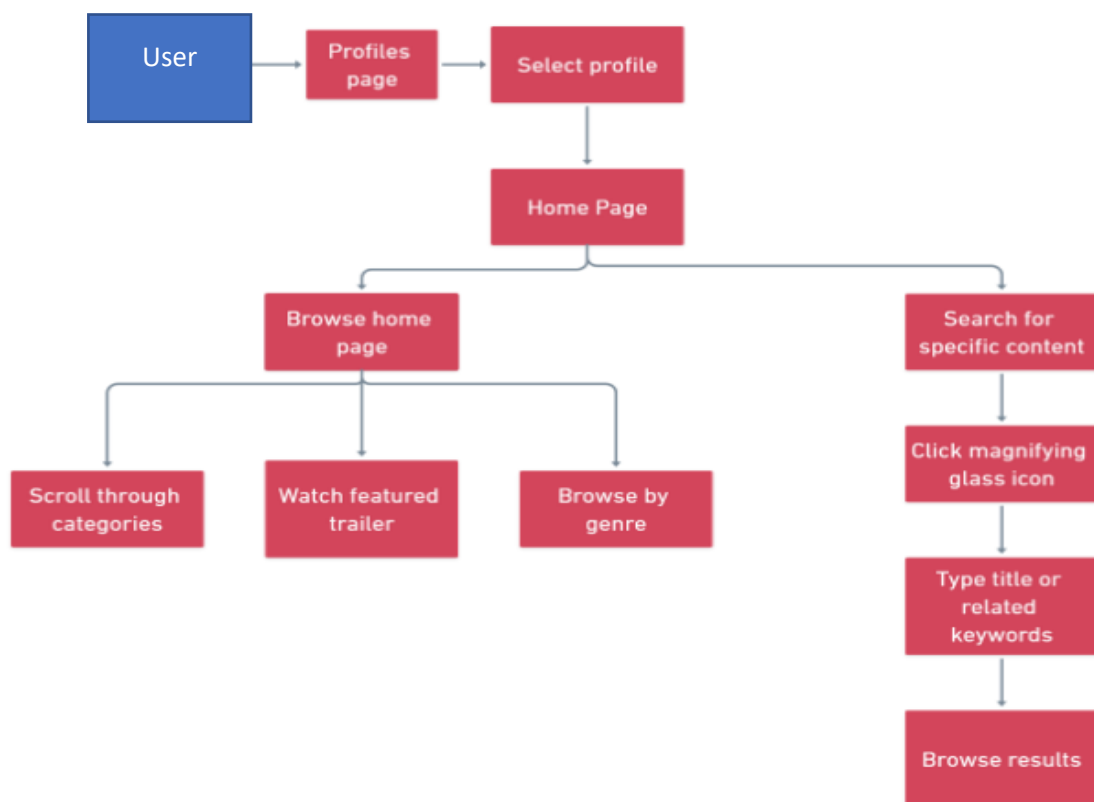
Solutions

- Family category can be done by blocking all other movie categories after pressing on the family movies category and if the user tried to press on any other category the site won't allow the user. Also, the search button won't be active at that time.
- Communication between user and admin is very important to help the site to be successful and grow. That can work by using the advantage that the user should log in or register before using the web app. By that way the data base program should help to save the user's information which should make it easy for the admin getting user's information when needed.
Other thing is creating one page for contact to customer service by email. And that would make it easy for the user to reach the admin when needed.

Functionalities

- Movies have six categories (Trending, top, Family, Star Wars, popular, upcoming).
- Clicking on an item opens detail screen for that item.
- Items are obtained from API, presented in an endless List, and saved in a database.
- Movies can be searched by name.
- Logging in and registration saved in database.

Architecture and Structure diagram



Tools and Practices.

- Using styles for repeated UI components.
- App implements single responsibility principle that means every component of code (class, function, variable) is used for one and only one task or purpose.
- App implements clean code principle that means programmer should keep classes as simple as possible in order to be testable, code should implement single responsibility principle. classes should have as few as possible dependencies, and programmer should follow universal coding styles in order to make code maintainable.

DB package

Database- PhpMyAdmin

tools: Xampp, notepad++

Networking package

contains networking handling classes. MovieListResponse models API response.

UI Package

Contains classes to model Views. Include Activities, presenter, adapters to model List and Detailed Screen.

Kate Caleb

Background:

- System Engineer.
- Working at GE Aviation.
- Married with one child, 9 years old.

Demographics:

- Female, 40 years old.
- Dual family income \$150,000
- Lives in Minneapolis, MN.



Identifiers:

- Creative Personality.
- Loves Star Wars Movies.

Complex task: I always have a problem with searching movies. I love to watch Star Wars movies with my daughter, but I am hoping to just search for the one I like by its name.

Simple task: It's always easier to contact customer service through email.

James Alex

Background:

- Speech Pathologist.
- Taking a training in Grand Rapids Elementary School.
- Single.

Demographics:

- Male, 25 years old.
- Single Income \$20.000
- Lives in Grand Rapids, MI

Identifiers:

- Comfortable with technology and using devices.
- Love to watch top rated movies.

Complex task: My favorite category of movies is the comedy. I want to find the movie I like in an easy search way.

Simple task: It's always easy to contact customer service through email.



Cooper Ramzy

Background:

- Senior Software Engineer.
- Works at Google.
- Married with two children, 18 and 15 years old.

Demographics:

- Male, 49 years old.
- Dual family Income \$250.000
- Lives in San Francisco, CA.



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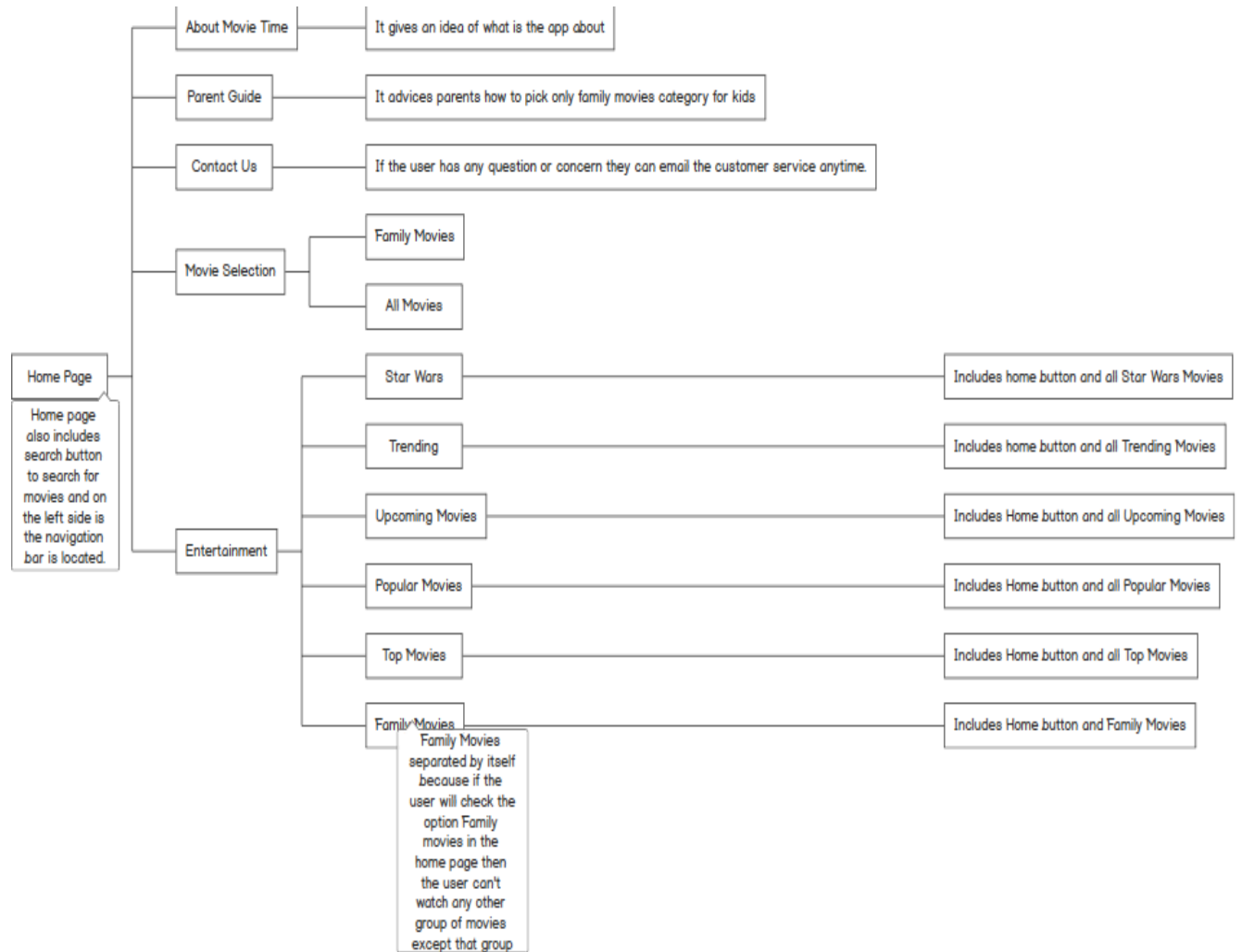
Identifiers:

- Loves technology and using devices.
- Likes to watch old movies and trending movies.

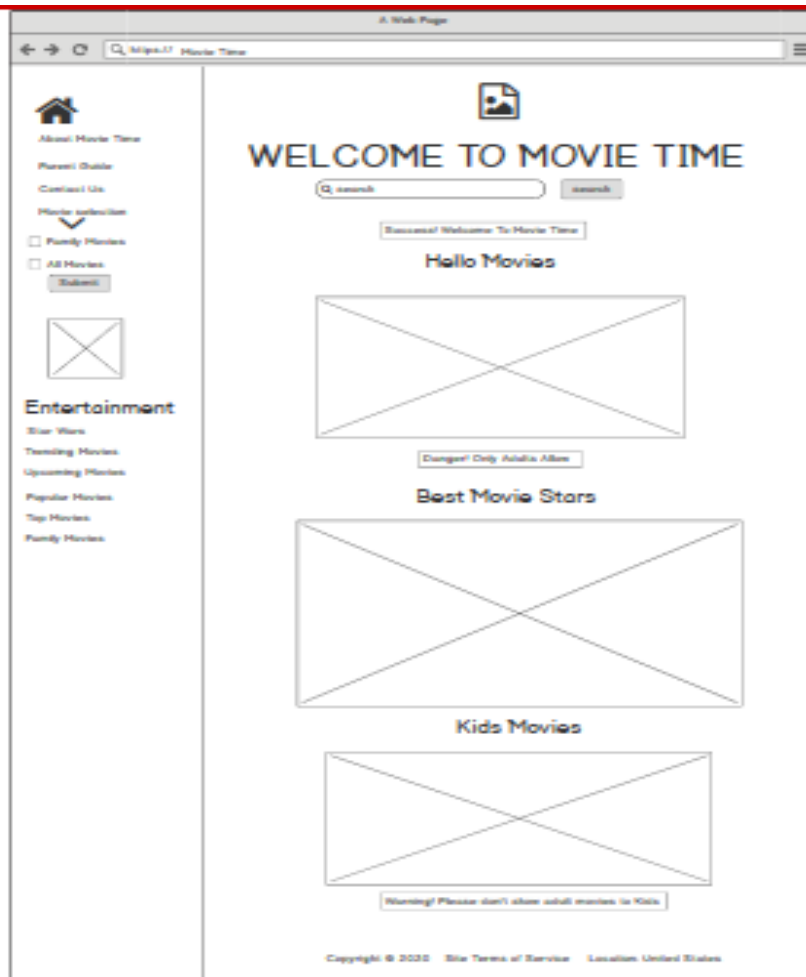
Complex task: I like to watch family movies and I wish there is only an option or a category of family movies.

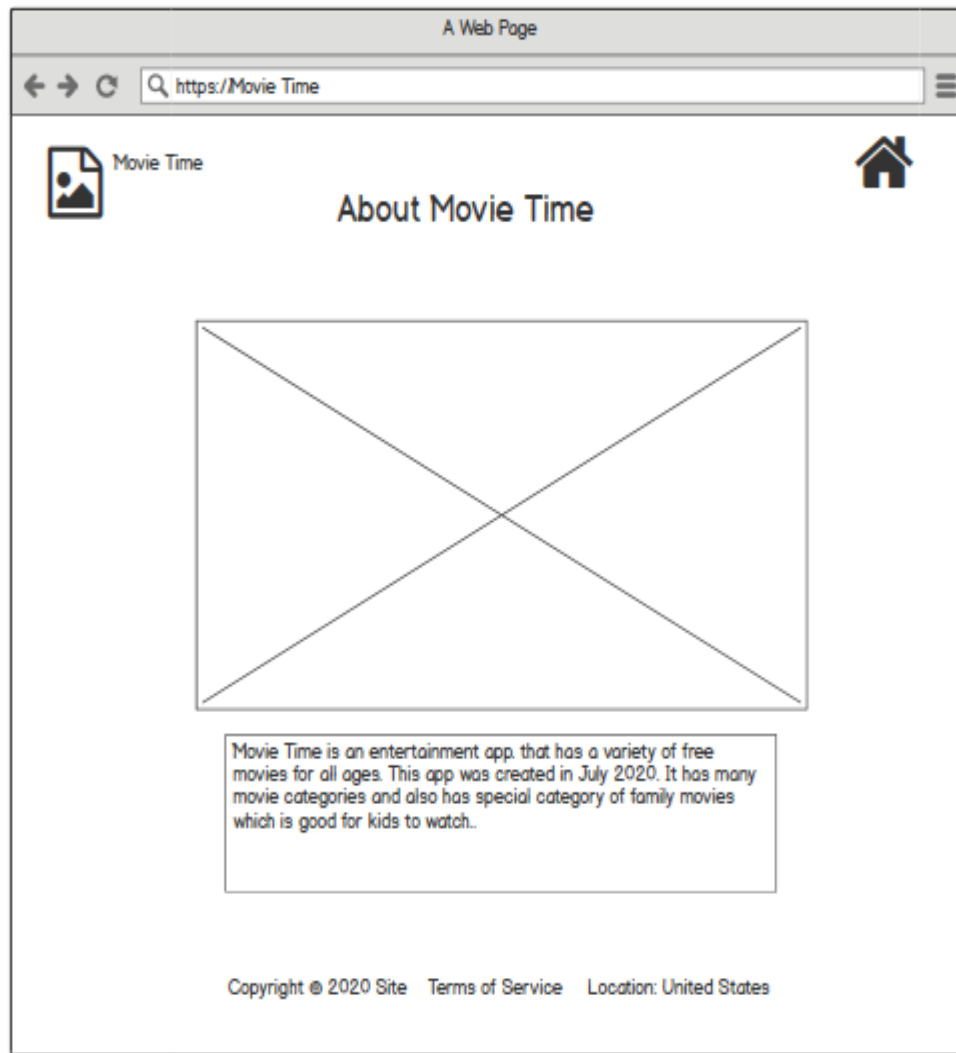
Simple task: calling customer service is a headache because it takes a while to get contacted with an agent but chatting or sending an email is always a good option.

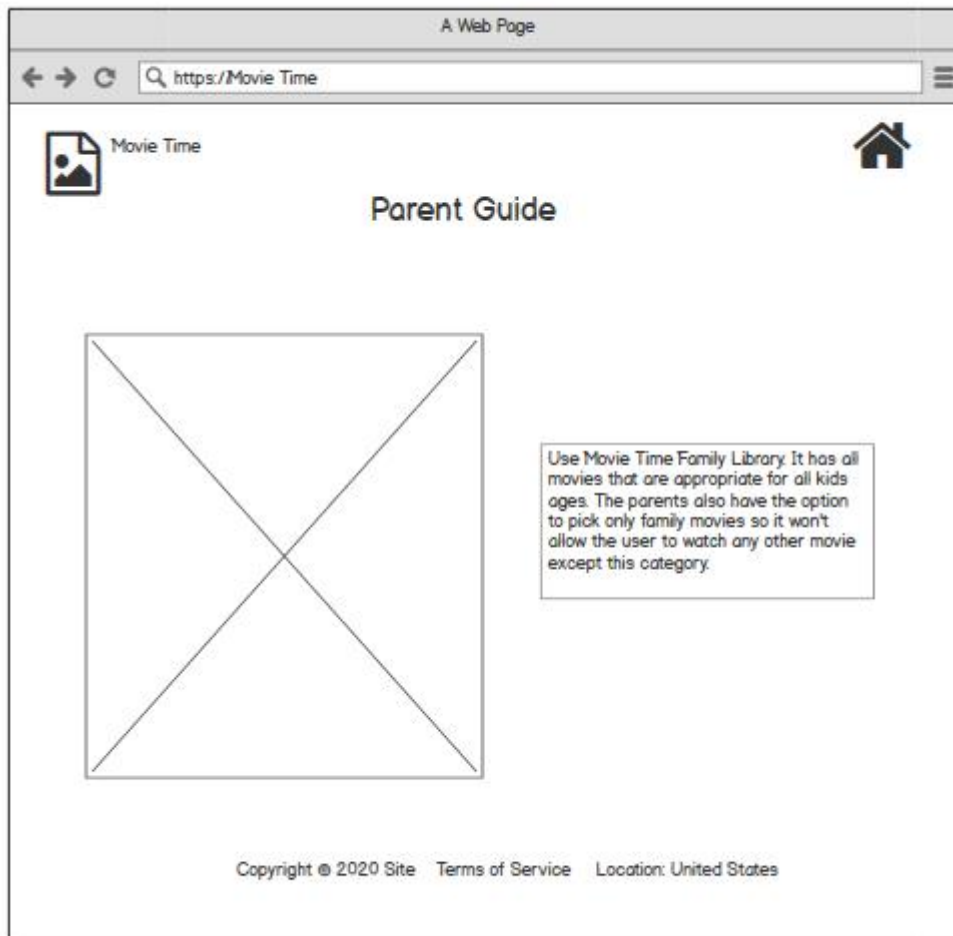
Storyboard



Wireframes









A Web Page

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Contact Us

Dear User,
We will be happy to receive any concern or question about our app and movies. Please feel free to contact us through our email MovieTime@gmail.com and we will get back to you as soon as we receive the email.

First Name

Last Name

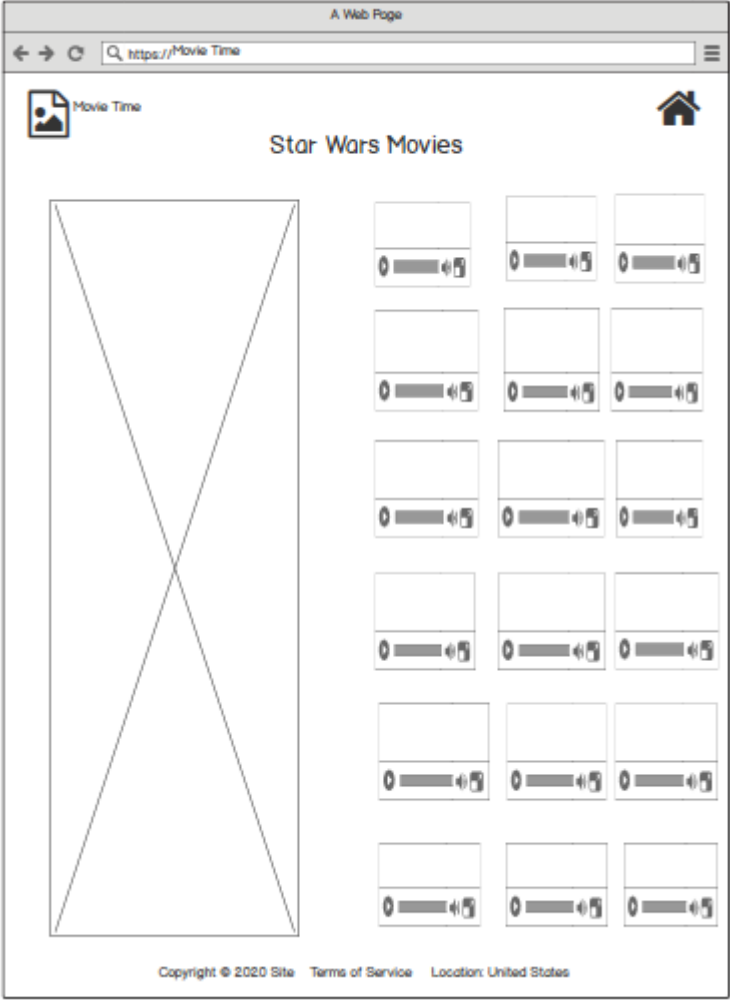
Email Address

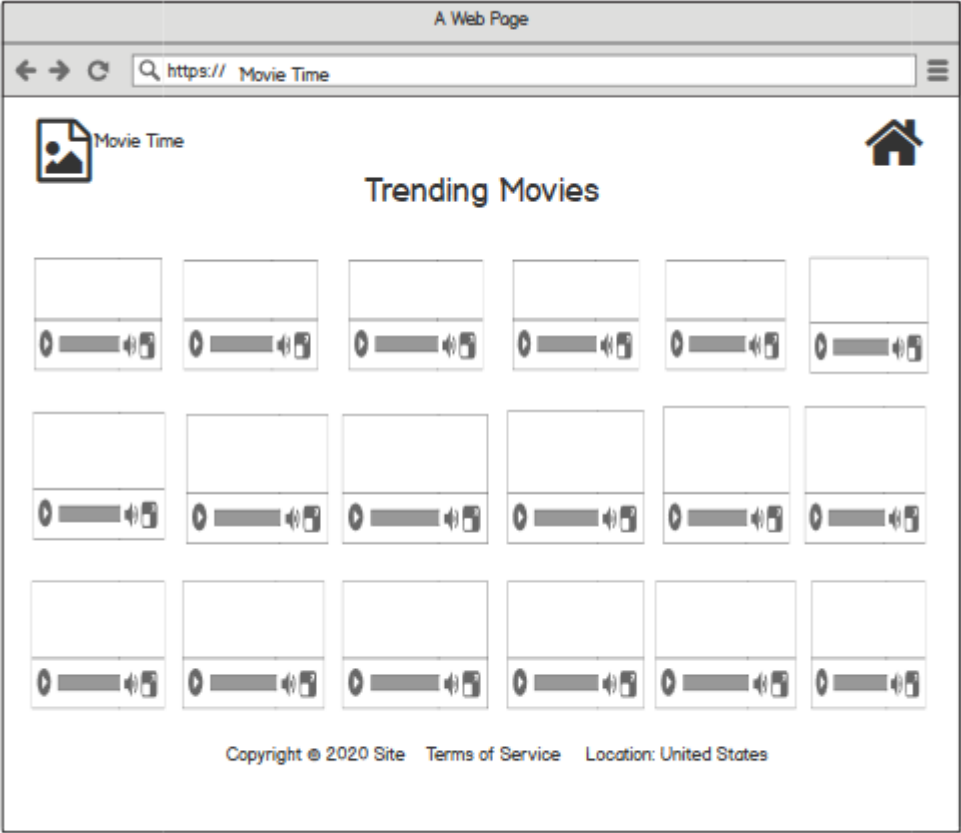
☐ Male ☐ Female

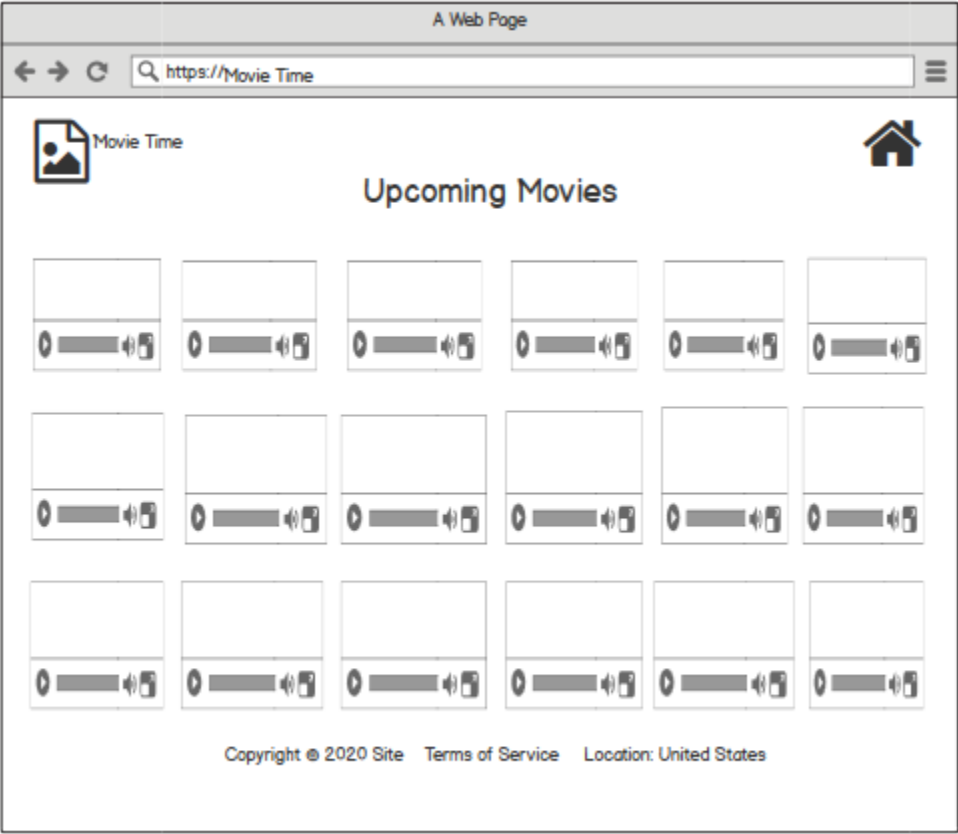
Your Concern

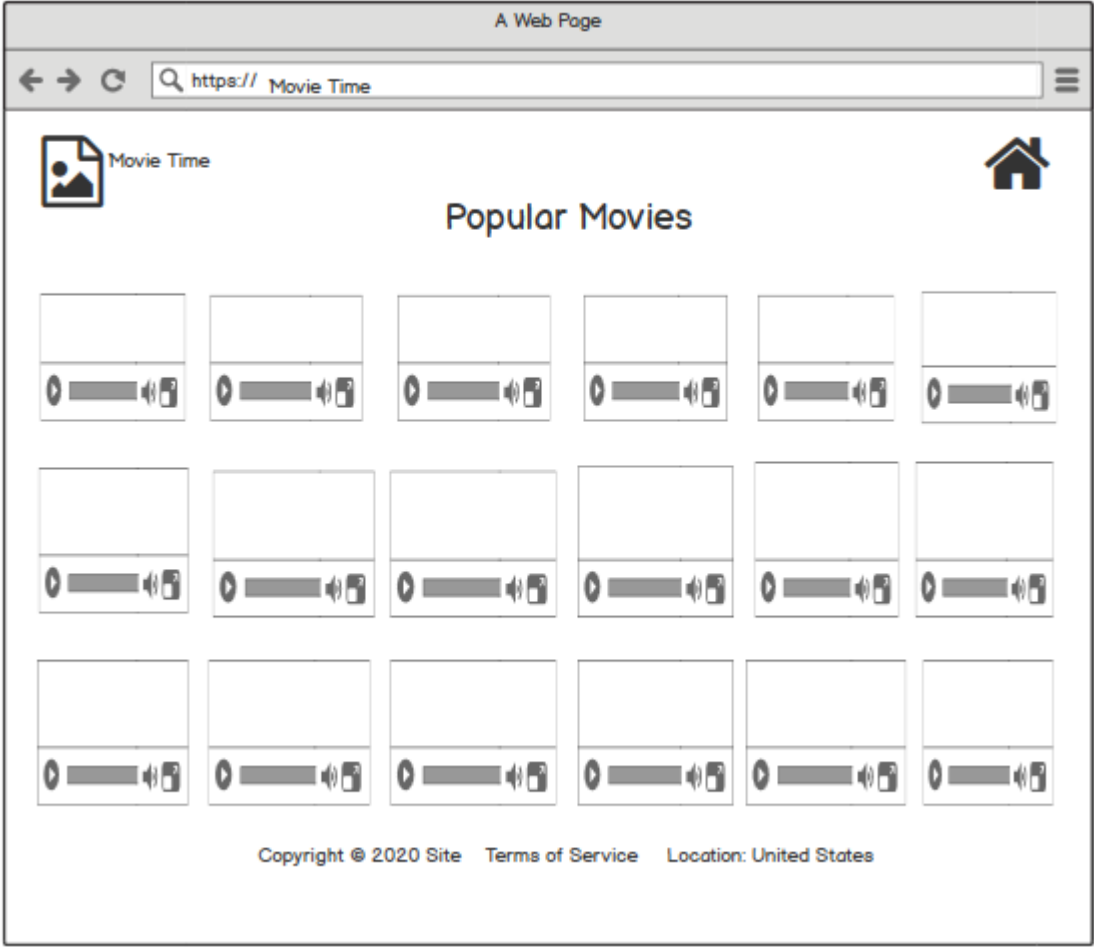
Submit

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Top Movies

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