

Alexflix

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Full Stack MEARN-Q3-
2023

- **Introduction**

- Problem Definition

Existing streaming platforms lack a centralized store for movie-related merchandise, and there is also limited emphasis on user reviews and opinions. Users face difficulties in finding a platform that offers both a wide range of movies and series to watch as well as a dedicated store for purchasing related merchandise like t-shirts, mugs, and accessories. Additionally, there is a lack of a robust review system for users to share their thoughts and ratings on the content they consume. Our goal is to develop a full-stack application that combines a streaming platform with an integrated store, giving users the convenience of accessing movies, series, and merchandise in one place. While prioritizing the store aspect, we also aim to provide a user-friendly interface for users to contribute their reviews, creating a vibrant community of movie enthusiasts.

- Purpose

The purpose of this project is to create a comprehensive full-stack application that offers users a unified and immersive experience in the realm of movies and series. By integrating a streaming platform, an e-commerce store, and a user review system, the project aims to provide a one-stop platform where users can watch their favorite movies and series, purchase related merchandise, and engage with a vibrant community. The purpose is to simplify and enhance the user experience, bringing convenience, entertainment, and social interaction together in a seamless manner.

- Users Analysis

- Admin

- Users

- **Requirements**

- Functional Requirements

- As a user, I can sign up

- As a user, I can easily create a login via email

- Alexflix app offers an intuitive home screen that offers a user-friendly and organized view

- As a user, I can make an order

- As a user, I can confirm an order

- As a user, I can select my preferred product to order online

- As a user, I can select my preferred movies and anime to watch

- The search bar is handy when a user wants to search quickly to find out their favorite product or movies. All they need to do is type the name of the item and the search results will be displayed in second

- Alexflix online delivery app offers to pay for orders by cash on delivery

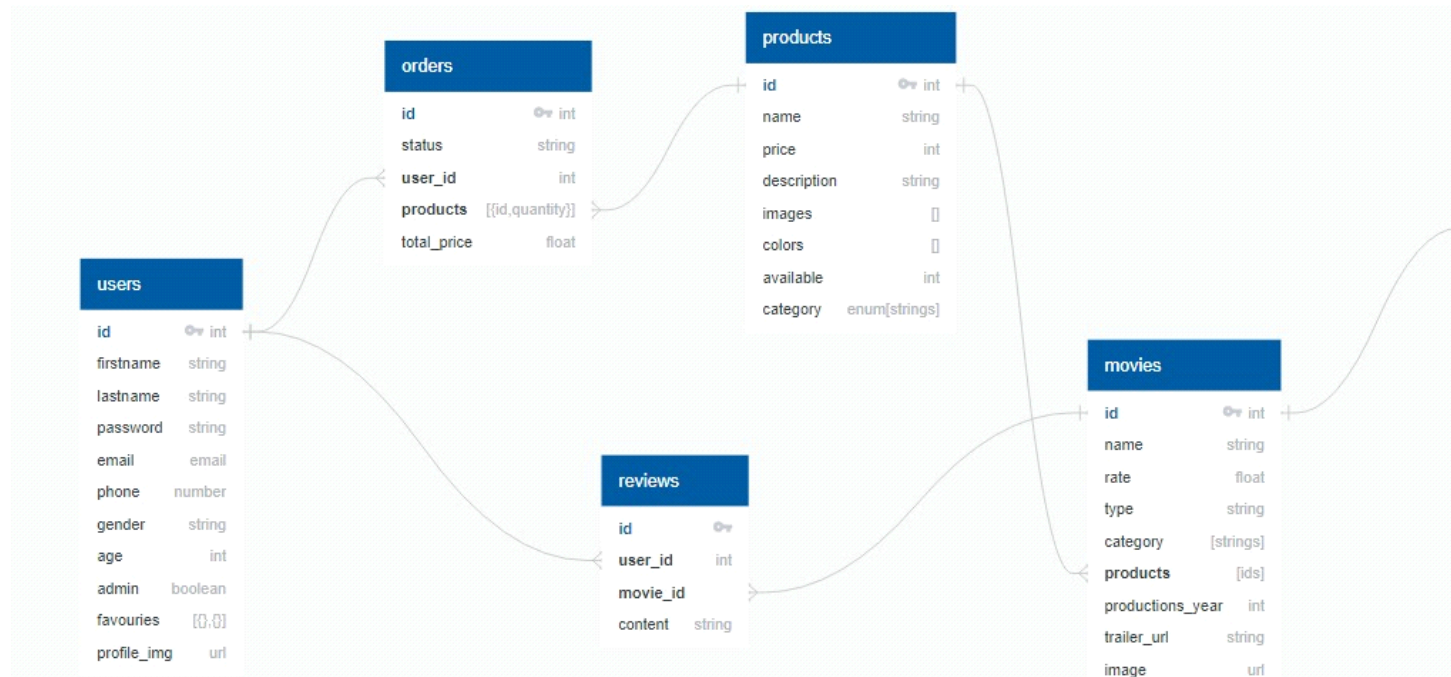
- Admin, I redirected to the admin page where they can access all the essential details including pending orders, previous orders, and orders on processing
- Admin has to look at before accepting the order. Hence, the restaurant owner can accept the order if he feels that staff will be able to meet the quality and delivery of the order, else he can decline the order as well
- Admin can have the full view of the number of order requests showing order quantity, pricing, address
- Admin can add or block user
- Admin can add movies
- Admin can edit movies
- Admin can delete movies
- Admin can edit products
- Admin can add products
- Admin can delete products
- Admin can display all products information
- Admin can display all orders information

- **Non-Functional Requirements**

- Should have a user-friendly interface
- Navigation When an application is usable, users can easily navigate its interface
- High speed search engine response

Design

4.1. Entity Relationship Diagram



- **Implementation**

- Tools & Technology

Back-End :

- NodeJs
- ExpressJs
- Cloundinary
- Multer
- Bcrypt
- NodeMailer
- Express-Validator
- Mongoose
- JWT

Front-End:

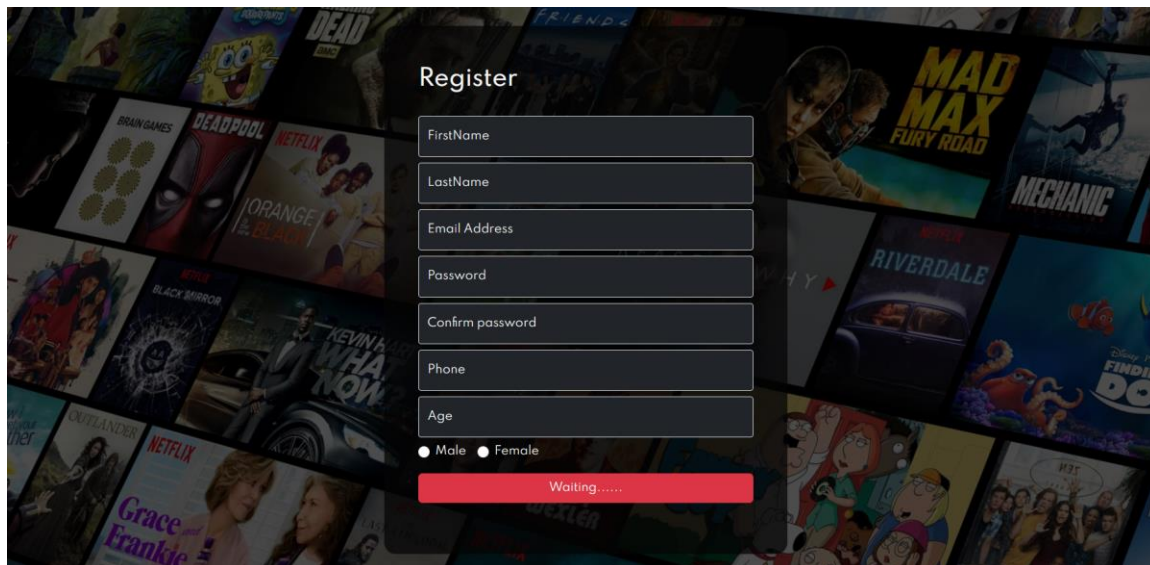
- HTML5
- CSS3
- Bootstrap
- Font-Awesome
- React
- React-Router-Dom
- Redux-Toolkit
- React Bootstrap
- Axios
- Formik
- yup
- Sweet-Alert

- **Recommendations(Future Work)**

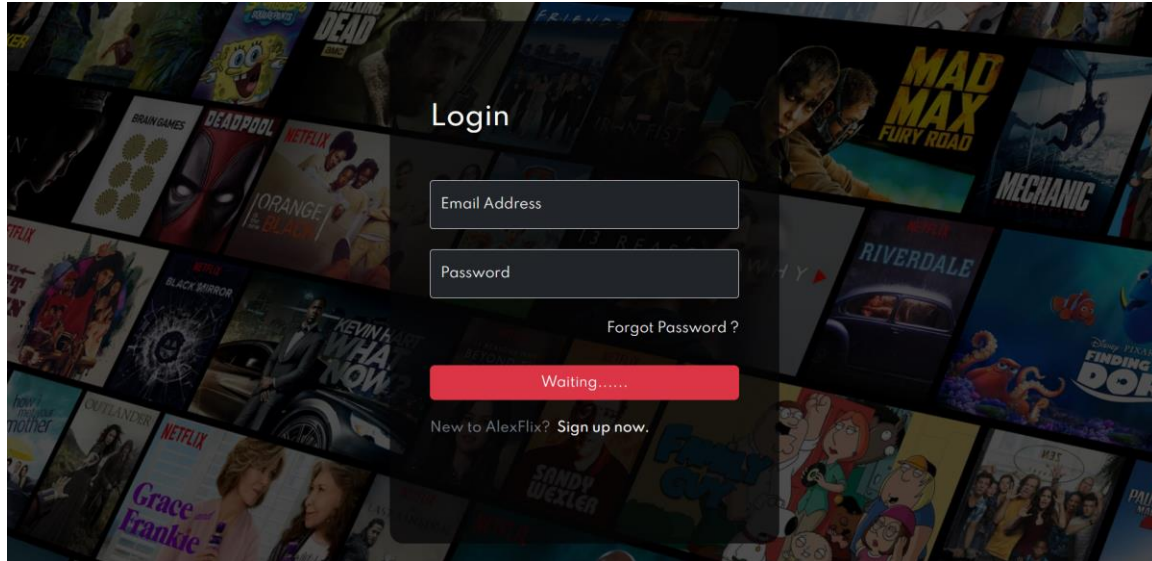
- Include Recommendations from clients
- Multi-Currency & Language Support
- Add Payment Methods

App Pages

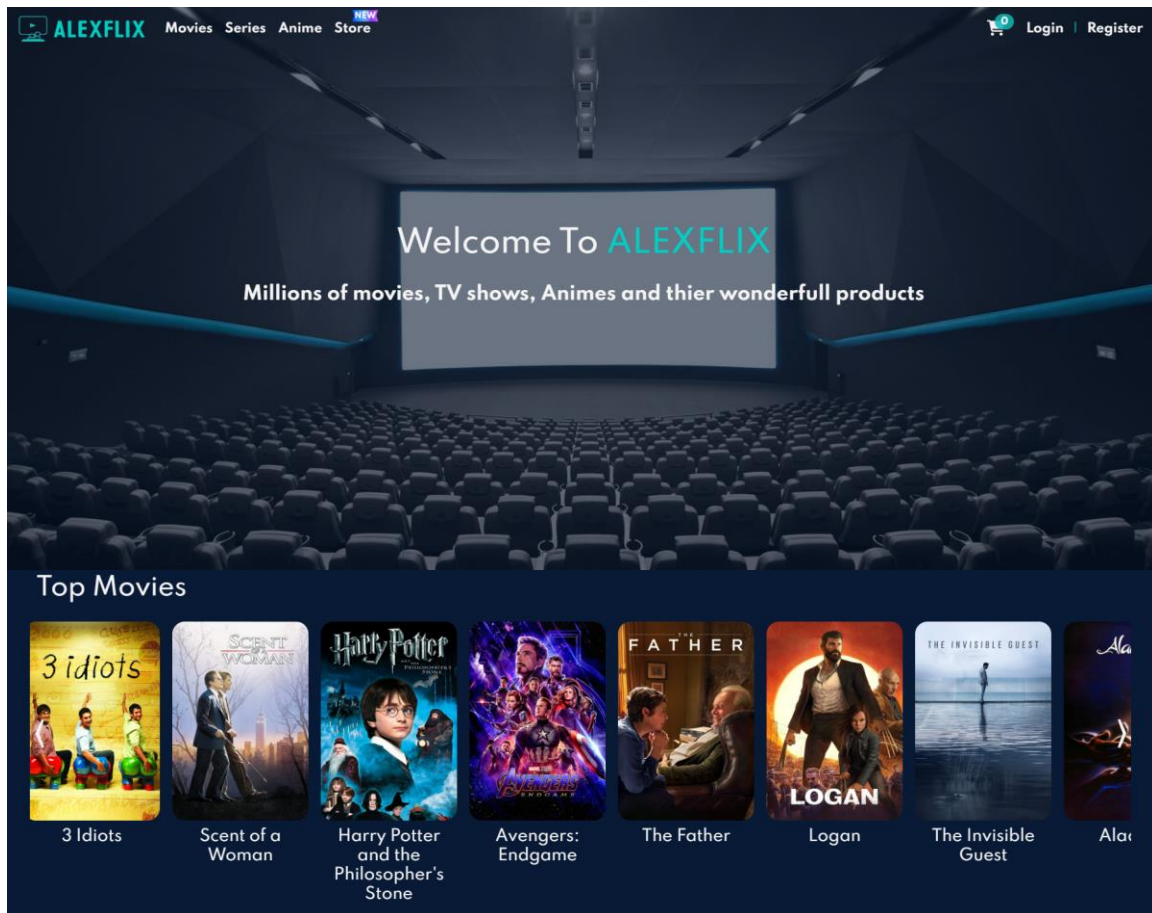
Register page

A screenshot of a mobile application's registration page. The background is a collage of various movie and TV show posters, including Deadpool, Mad Max: Fury Road, Riverdale, and Finding Dory. Overlaid on this is a white 'Register' form. The form contains input fields for 'FirstName', 'LastName', 'Email Address', 'Password', 'Confirm password', 'Phone', and 'Age'. Below these fields are radio buttons for 'Male' and 'Female'. At the bottom of the form is a red button with the text 'Waiting.....'.

Login Page



Home page



Movie page



Breaking Bad

[▶ Watch Trailer](#) [☆ List](#)

Overview

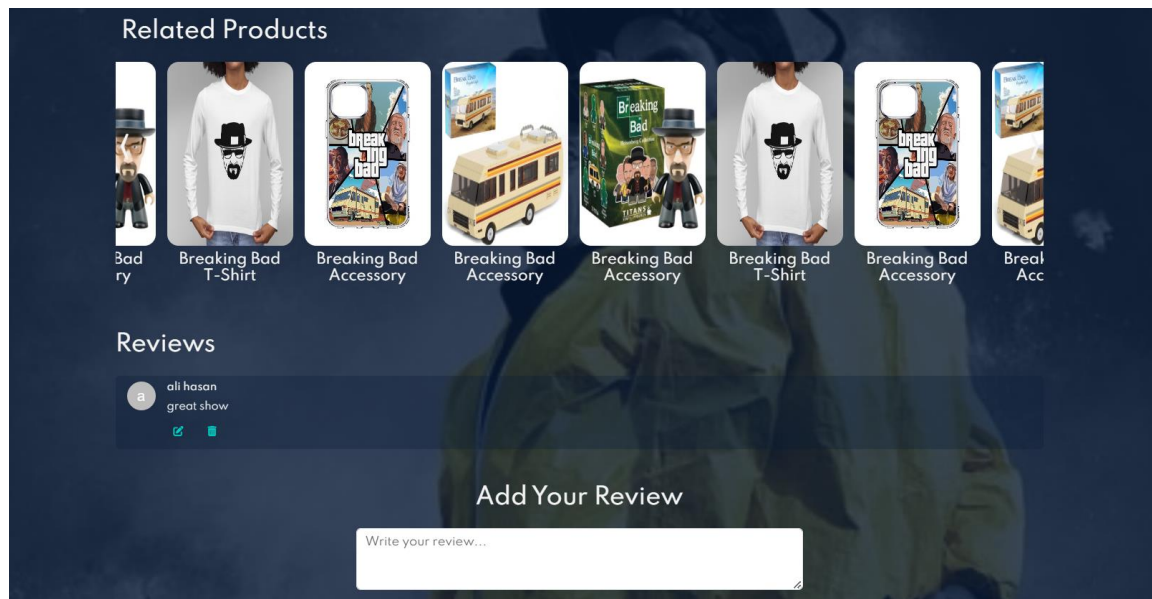
When Walter White, a New Mexico chemistry teacher, is diagnosed with Stage III cancer and given a prognosis of only two years left to live. He becomes filled with a sense of fearlessness and an unrelenting desire to secure his family's financial future at any cost as he enters the dangerous world of drugs and crime.

Release date : 2008

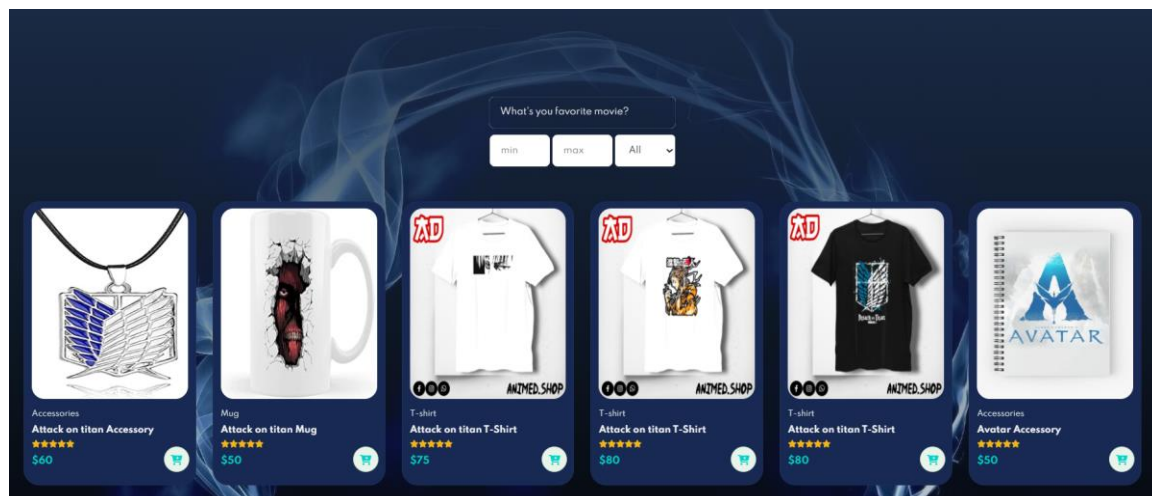
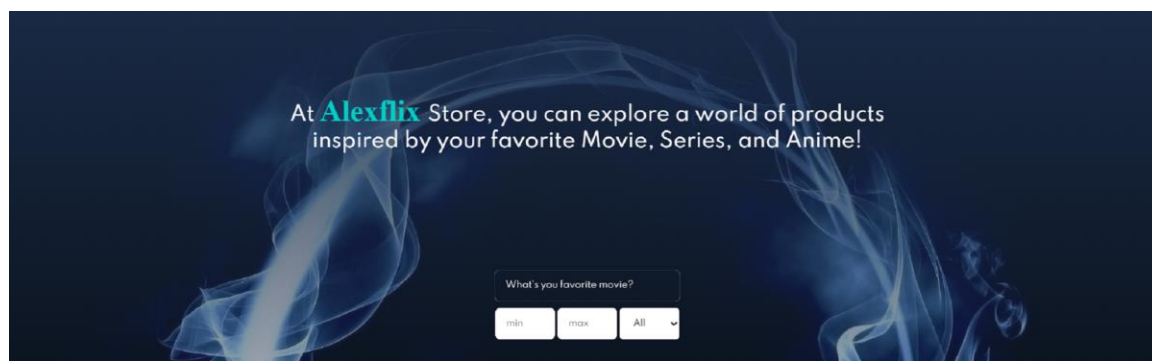
Season 1

Season 2






Store page



Product Page



T-shirt

Avengers T-Shirt


\$60

In Stock : 20 Item


[Add To Cart](#)

Product Details

Express your unique style with this t-shirt. Made with 100% cotton, this shirt is comfortable and breathable. It features a bold and colorful graphic on the front, with a plain back. Available in sizes S-L and a variety of designs, this shirt is perfect for fans of all ages.




Cart Page

IMAGE	PRODUCT	PRICE	QUANTITY	AVAILABLE	REMOVE	SUBTOTAL
	Attack on titan T-Shirt	\$80	<div>- 1 +</div>	92		\$80
	Attack on titan T-Shirt	\$75	<div>- 1 +</div>	12		\$75
	Attack on titan T-Shirt	\$80	<div>- 1 +</div>	13		\$80
	Attack on titan Mug	\$50	<div>- 1 +</div>	25		\$50
<div> <div>SUBTOTAL</div> <div>TAX</div> <div>TOTAL</div> </div>						<div>\$285</div> <div>\$10.00</div> <div>\$295</div>
Check Out						

Profile Page

Profile Page



FirstName

LastName

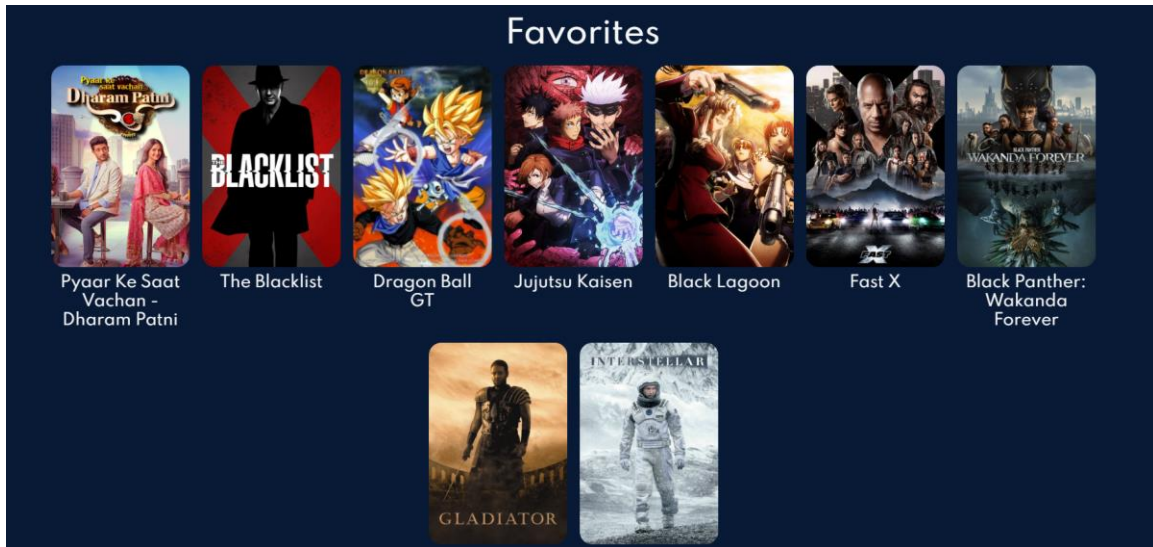
Phone

Age

☒ Male
 ☐ Female

[Save Change](#)

Favorites Page



Admin Pages

ALEXFLIX

- User >
- Movies >
- Products >
- Reviews
- Orders
- sign out

User List

Profile	Name	Contact	Gender	Age	Favorites	Status	Action
	Aaron Kuhn	01410273126	MALE	25	0	Active	
	Abdelrahman Salah	01555284067	MALE	25	0	Active	
	Abigail Bennett	01256669707	FEMALE	64	0	Active	
	Adam Ferguson	01046096296	MALE	33	0	Active	
	Adam Hoffman	0177726782	MALE	76	0	Active	

User >

Movies >

Products >

Reviews

Orders

sign out

Add Movie

Movies List

Select Types

Select Category

Poster	Name	Category	Year	Rate	Products	Action
	Spider-Man: Across the Spider-Verse	crime - thriller - action - super hero - comedy - adventure - fantasy	2023	9.1	5	
	Apocalypse	action - adventure - drama	2006	8.4	0	

ALEXFLIX

User >

Movies >

Products

Add Product

Products List

Reviews

Orders

sign out

Attack on titan Mug

Mug

\$50

26

Attack on titan T-Shirt

T-shirt

\$75

13

Attack on titan T-Shirt

T-shirt

\$80

92

Attack on titan T-Shirt

T-shirt

\$80

14

Avatar Accessory

Accessories

\$50

50

ALEXFLIX

User >

Movies >

Products >

Reviews

Orders

sign out

Order List

Name	Address	Contact	Total_price	Products	Status	Action
Abdelrahman Salah	36 sam - alex	01555041094	\$8	1	pending	<div><div></div><div></div><div></div></div>
Abdelrahman Salah	36 sam - alex	01555041094	\$8	1	pending	<div><div></div><div></div><div></div></div>
Mary Lewis	36 sam - alex	01555041094	\$8	1	approved	<div><div></div><div></div><div></div></div>
Mary Lewis	36 sam - alex	01555041094	\$800	1	cancelled	<div><div></div><div></div><div></div></div>
samy isaac	55 miami - alex	01110464712	\$361	3	pending	<div><div></div><div></div><div></div></div>
Shirley Gardner	55 miami - alex	01110464712	\$361	3	pending	<div><div></div><div></div><div></div></div>
Shirley Gardner	55 miami - alex	01110464712	\$361	3	pending	<div><div></div><div></div><div></div></div>
Shirley Gardner	55 miami - alex	01110464712	\$121	3	pending	<div><div></div><div></div><div></div></div>
Shirley Gardner	55 miami - alex	01110464712	\$121	3	pending	<div><div></div><div></div><div></div></div>
Shirley Gardner	55 miami - alex	01110464712	\$113	3	pending	<div><div></div><div></div><div></div></div>

Add Product



Name

Price

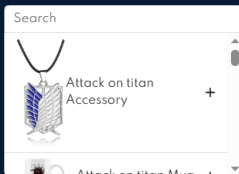
Description

Category

Available

Add

Add Movie



Name

Rate

Type

Category

Production_year

Poster

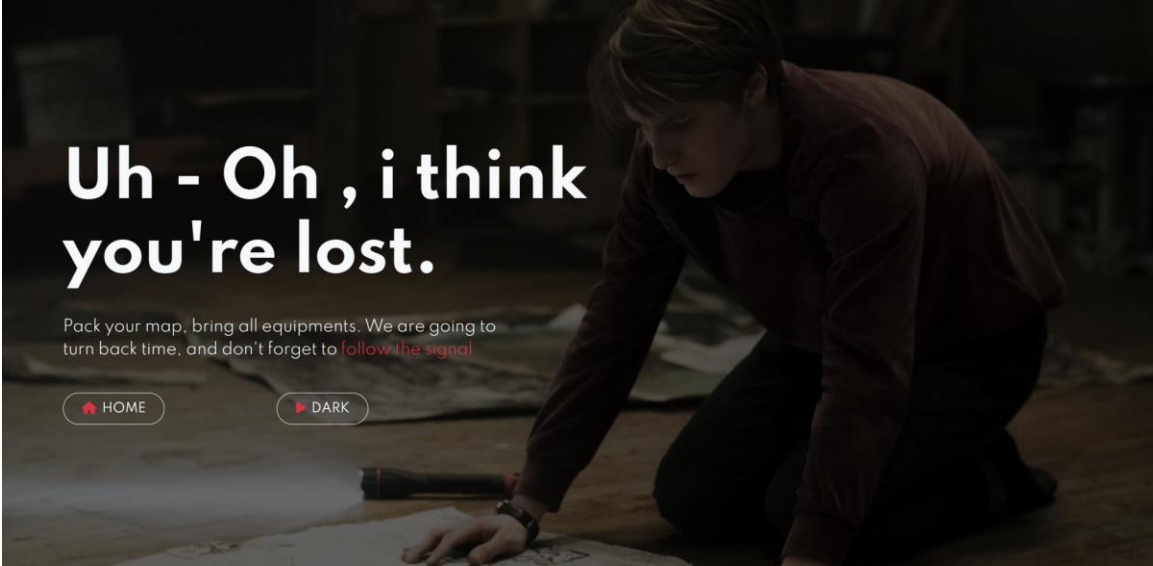
Trailer

Videos

Description

Add

Not Found Page



Uh - Oh , i think
you're lost.

Pack your map, bring all equipments. We are going to
turn back time, and don't forget to *follow the signal*

 HOME

 DARK