

ONLINE MOVIE STORE

CS6314.002 Final Project Report

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Project Title: Online Movie Store

Name for Website: FlickStar

Project Description:

The main purpose of the project is to let the users sign up and rent movies online for 48 hours.

The major functionalities supported by the project are:

1. Design: The front-end design is implemented using HTML, CSS, Java Script, Bootstrap and jQuery and the Backend has been implemented using PHP and MySQL.
2. Navigation Menu: Each Page has a navigation menu that lets the users search movies, navigate to home page, log in/out, access cart and view the purchase history.
3. Sign Up page: This page lets the user register to the website after checking for the following criteria:
 - Check if the username is already registered in the system by making ajax calls.
 - Check if all the mandatory fields are filled out.
 - Check if the password is strong enough and if it is store its hashed version in the database.
4. Login page: It lets a signed-up user login in after verifying the credentials and passes the username in session id to other related pages that will help render appropriate view for admins and users.
5. Home Page: The home page has slide show of some of the most popular movies and it uses pagination to list recent and new movies. It also has genres listed at end of page that lets users view available movies from that genre.
6. Search Movie: Search on a movie can be performed by filtering just on genre, by combining the genre filter with movie name/director/year. If no filtering option is selected, then search is applied on all the fields in the movie table.
7. Info Page: It contains information about selected movie, like description, year, IMDB Rating, time duration, Director, Cast. It allows a signed-up user to view trailer and add the movie to cart and an admin to update and delete the movie in addition to previously mentioned features.

8. Cart Page: It shows the items currently in the shopping cart ready to be purchased. User can update or remove items from the cart.
9. Purchase History Page: It lists all the purchases made till date for the user . In case the user needs to cancel the order, user can click the cancel button on this page.
10. Admin Functionalities: The admin can add, update or delete a movie. Soft delete is used to delete a movie in addition to previously mentioned features.

Database Design:

1. Movie Table

```
CREATE TABLE `movie` (
  `MOVIEID` int(11) NOT NULL,
  `TITLE` varchar(255) NOT NULL,
  `YEAR` int(5) NOT NULL,
  `DESCRIPTION` text NOT NULL,
  `DURATION` time NOT NULL,
  `RATING` float NOT NULL,
  `QUANTITY` int(100) NOT NULL,
  `GENRE` varchar(100) NOT NULL,
  `PRICE` varchar(100) NOT NULL,
  `IMAGE` varchar(200) NOT NULL,
  `TRAILER` varchar(2000) NOT NULL,
  `IS_DELETED` tinyint(4) NOT NULL,
  `Director` text NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

2. Purchase History Table

```
CREATE TABLE `purchase_history` (
  `movieid` int(11) NOT NULL,
  `userid` int(11) NOT NULL,
  `orderid` int(11) NOT NULL,
  `price` float NOT NULL,
  `quantity` int(11) NOT NULL,
  `date` text NOT NULL,
  `cancellation_status` tinyint(1) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

3. Users Table

```
CREATE TABLE `users` (
  `USERID` int(11) NOT NULL,
  `EMAILID` varchar(100) NOT NULL,
  `USER_NAME` varchar(100) NOT NULL,
  `PASSWORD` varchar(255) NOT NULL,
  `COUNTRY` varchar(100) NOT NULL,
  `PHONE` varchar(100) NOT NULL,
  `USERTYPE` varchar(100) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

4. Cart Table

```
CREATE TABLE `cart` (
  `USERID` int(11) NOT NULL,
  `MOVIEID` int(11) NOT NULL,
  `QUANTITY` int(4) NOT NULL,
  `PRICE` float NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

5. Actor Table

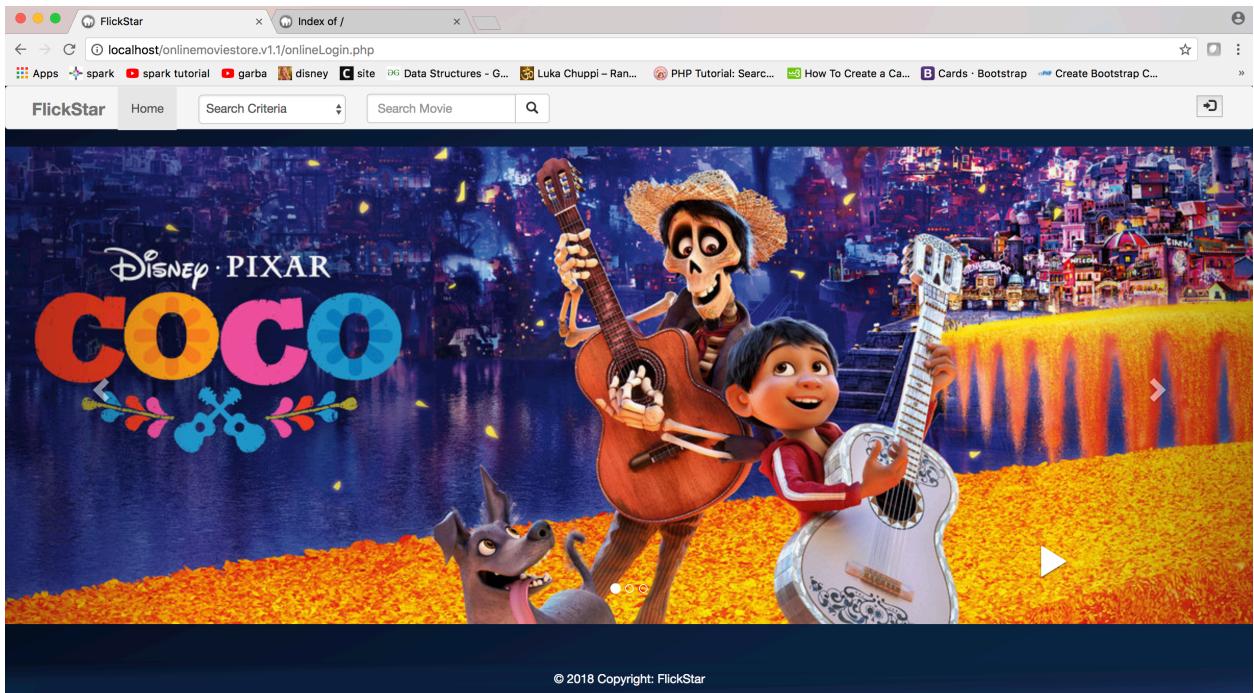
```
CREATE TABLE `actor` (
  `actorid` int(11) NOT NULL,
  `actor_name` text NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

6. Actor Movie Table

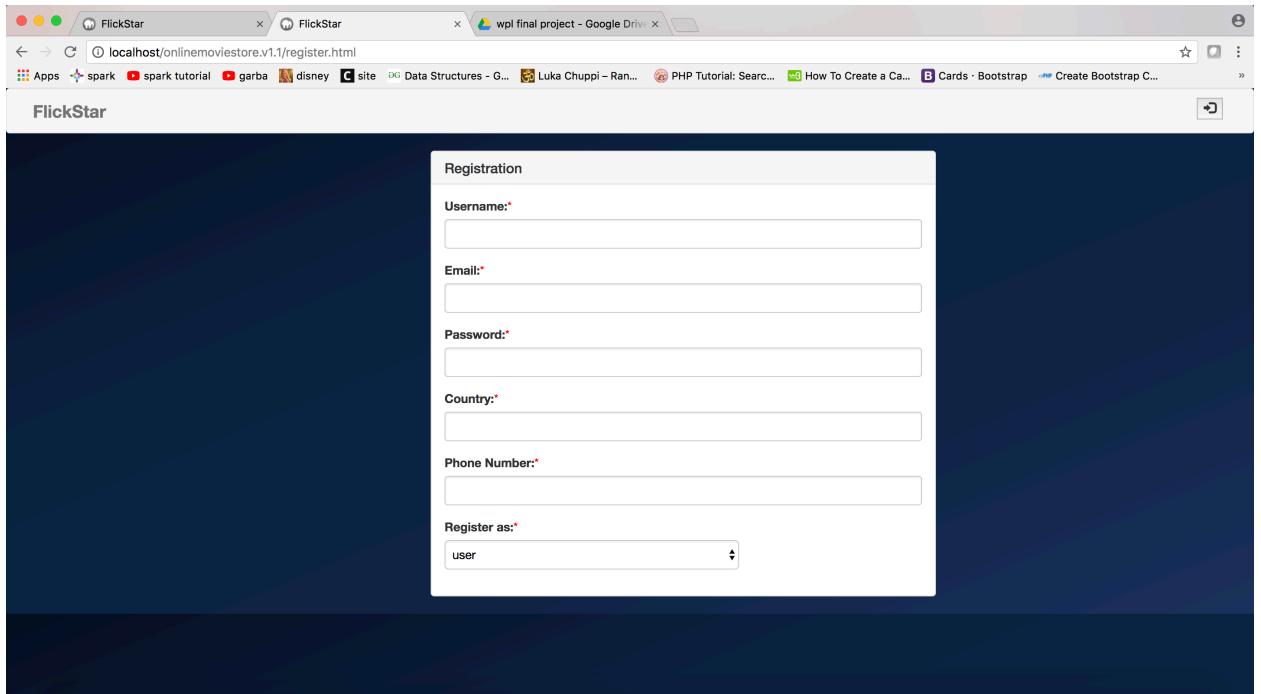
```
CREATE TABLE `actor_movie` (
  `actorid` int(11) NOT NULL,
  `movieid` int(11) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

Screenshots:

1. Index Page (without login)

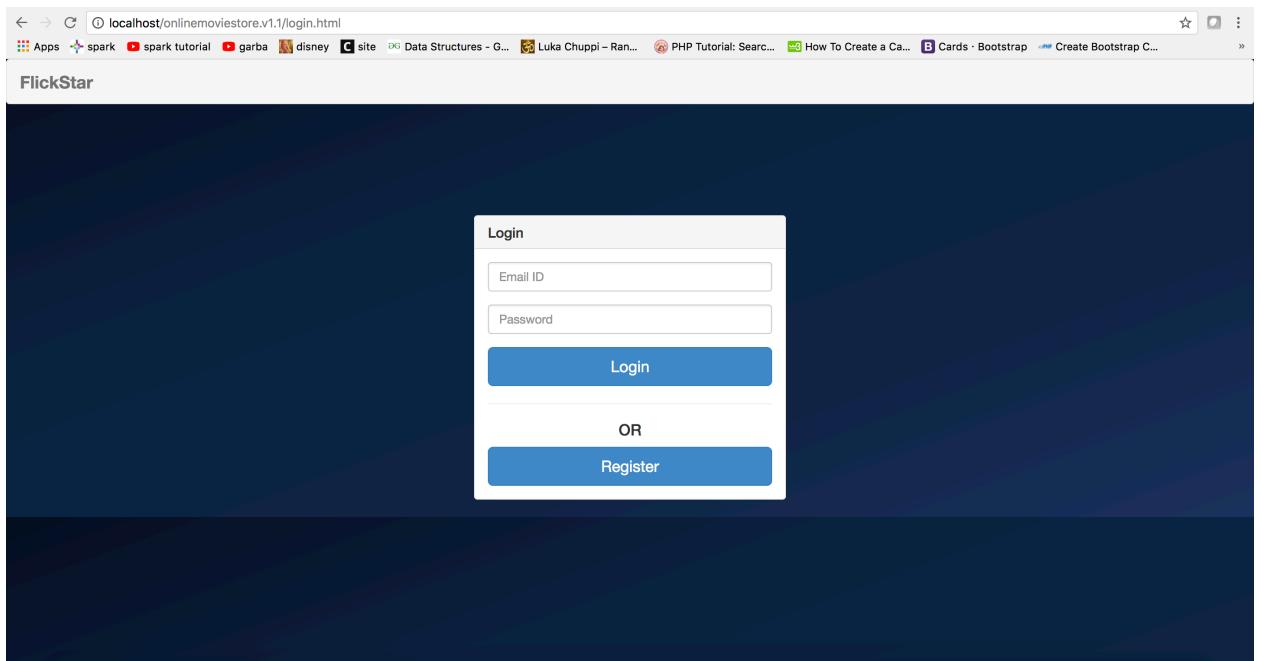


2. Signup Page



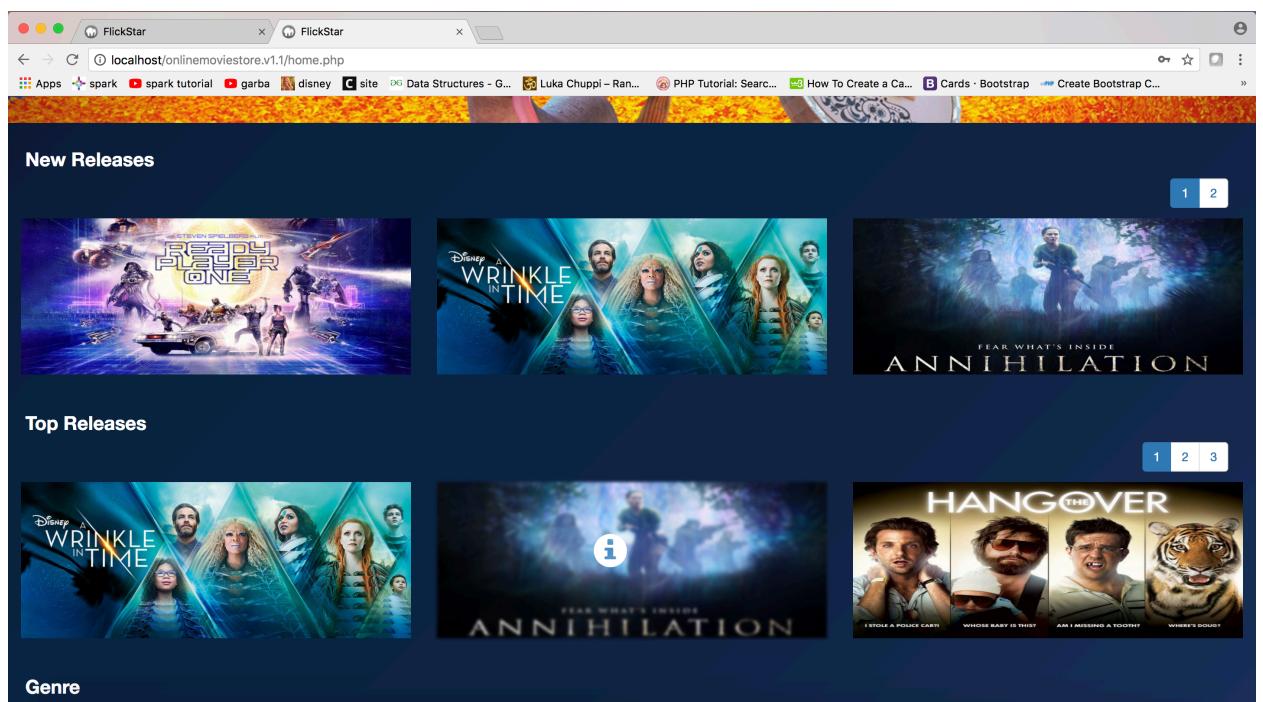
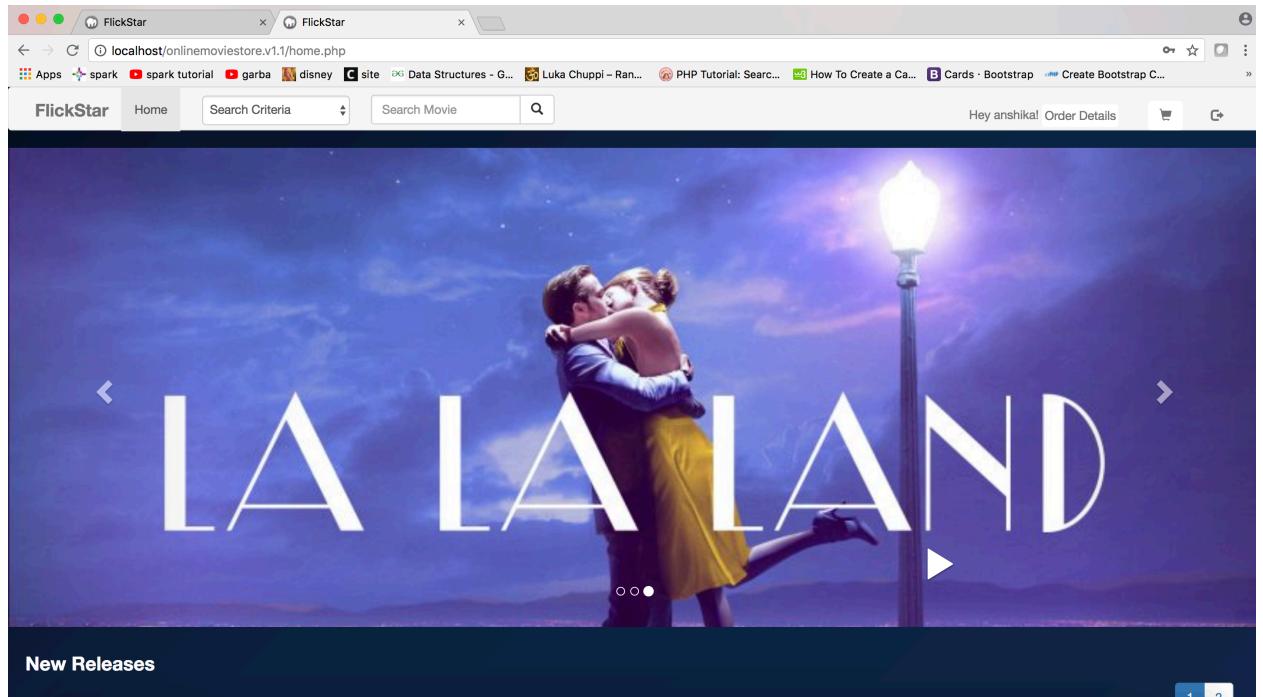
A screenshot of a web browser window titled "FlickStar". The address bar shows the URL "localhost/onlinemoviestore.v1.1/register.html". The page content is a registration form titled "Registration". It contains fields for "Username", "Email", "Password", "Country", "Phone Number", and "Register as" (with "user" selected). The background of the page is dark blue.

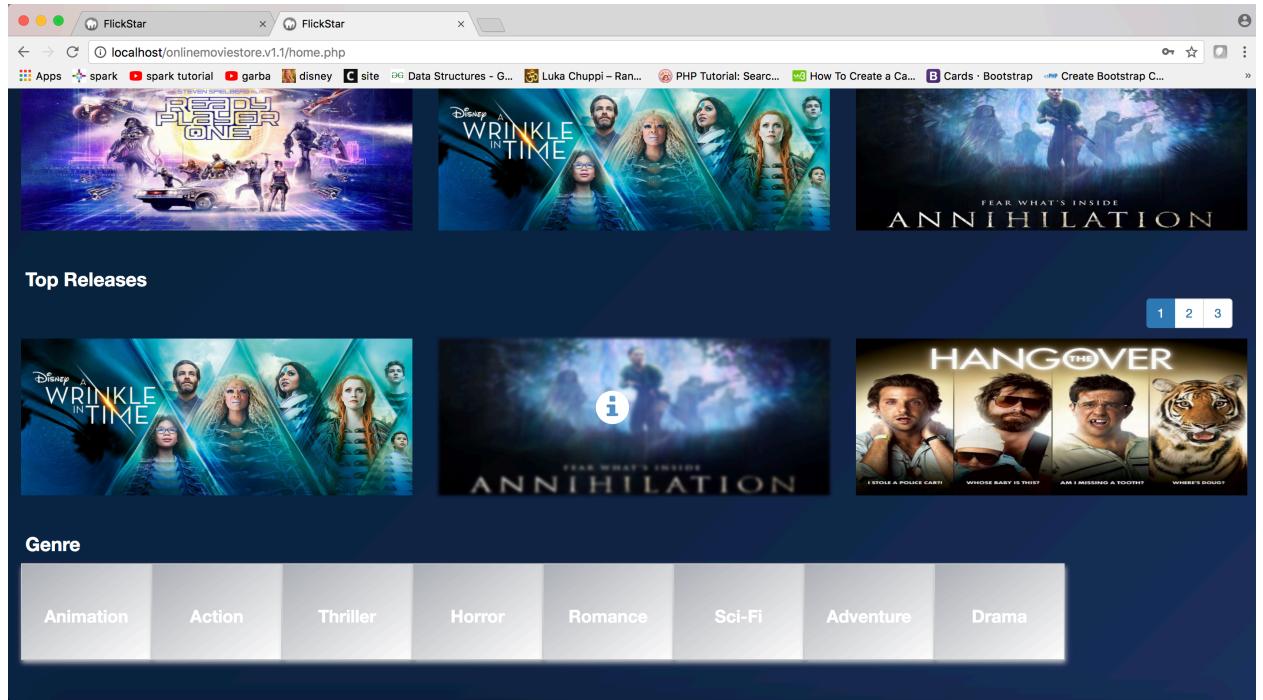
3. Login Page



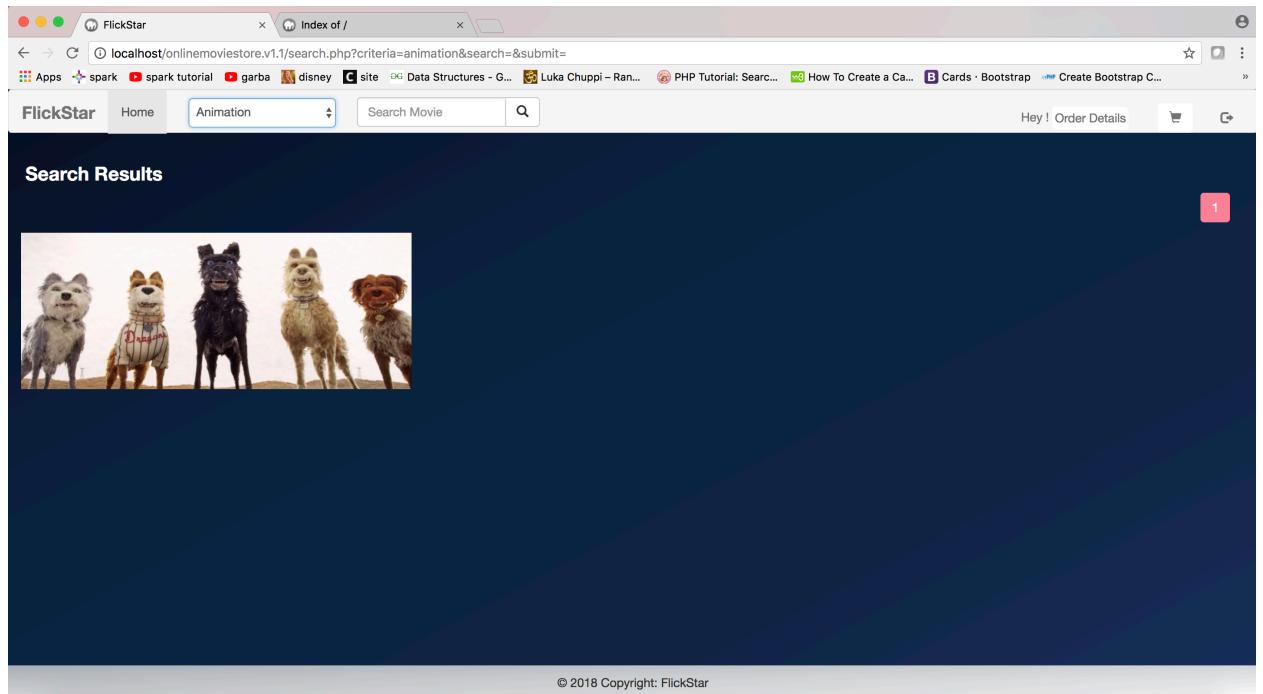
A screenshot of a web browser window titled "FlickStar". The address bar shows the URL "localhost/onlinemoviestore.v1.1/login.html". The page content is a login form titled "Login" with fields for "Email ID" and "Password", and a "Login" button. Below the login form is a horizontal line with the text "OR" above a "Register" button. The background of the page is dark blue.

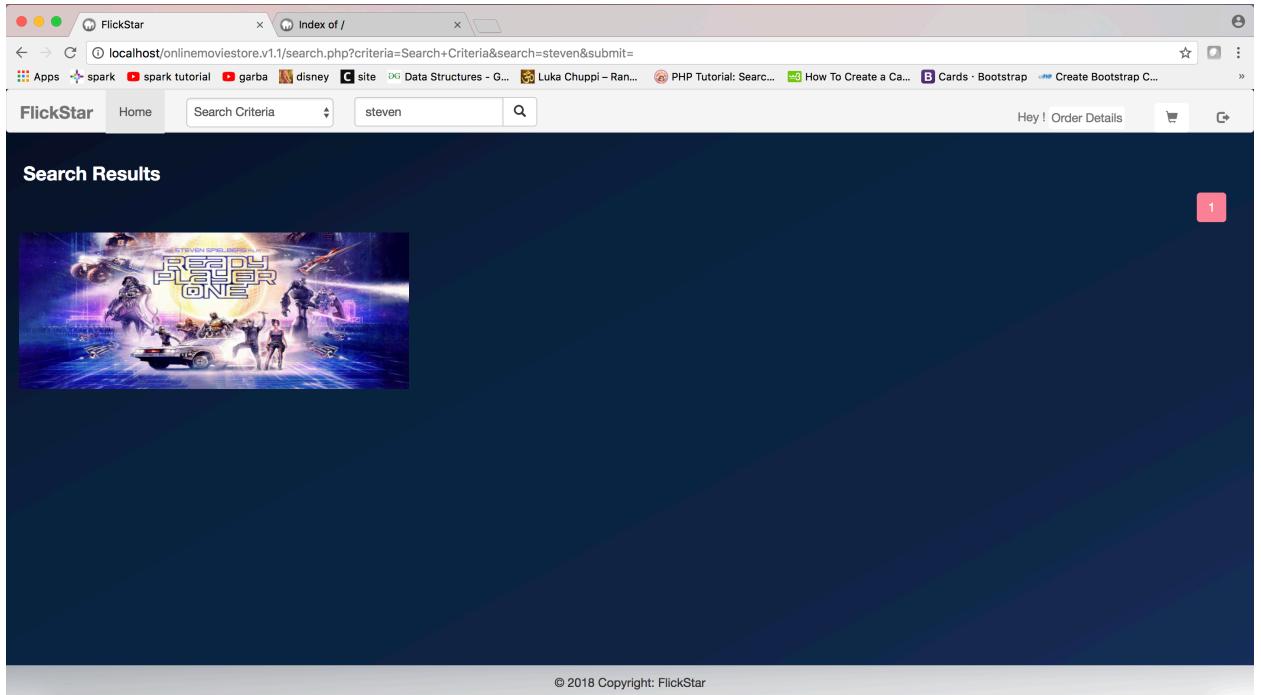
4. Home Page





5. Search Movie





6. Cart Page

A screenshot of a web browser window titled "FlickStar". The address bar shows "localhost/onlinemoviestore.v1.1/cartPage.php". The search bar contains "Search Movie". The main content area starts with "Welcome anshika!" followed by "Cart Details:". Below this is a table showing a single item: "A Wrinkle in Time" at \$3.99 quantity 1 totaling \$3.99. There are "Delete" and "Buy" buttons. The top navigation bar includes "Home", "Select Genre", and "Order Details".

7. Purchase History Page

Screenshot of the FlickStar Purchase History Page (orderHistory.php) showing a list of cancelled orders.

Order Id	Movie	Price	Quantity	Date	Cancellation Status
180		4	2	2018-04-17	Order Cancelled
642		2.99	1	2018-04-18	Order Cancelled
59		2.99	9	2018-04-18	Order Cancelled
312		5.99	3	2018-04-18	Order Cancelled

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Screenshot of the FlickStar Purchase History Page (orderHistory.php) showing a list of orders with a "Cancel Order" button next to each row.

Order Id	Movie	Price	Quantity	Date	Action
512		3.99	1	2018-04-18	
509		4.99	1	2018-04-18	<button>Cancel Order</button>
838		4.99	2	2018-04-18	Order Cancelled
190		5.99	2	2018-04-18	<button>Cancel Order</button>
161		5.99	1	2018-04-18	<button>Cancel Order</button>
161		4	2	2018-04-18	<button>Cancel Order</button>

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8. Info Page

The screenshot shows a web browser window for the FlickStar movie store. The URL in the address bar is `localhost/onlinemoviestore.v1.1/info.php?id=5`. The page title is "Wrinkle in Time". On the left, there's a sidebar with movie details: Plot (After the disappearance of her scientist father, three peculiar beings send Meg, her brother, and her friend to space in order to find him.), Duration (01:49:00), IMDB Rating (4.2 / 10), Year (2018), Genre (sci-fi), Director (Ava DuVernay), Cast (Storm Reid, Oprah Winfrey). In the center, there's a large movie poster for "A Wrinkle in Time" featuring the main cast. Below the poster is a "Quantity" dropdown set to 1, an "Add to Cart" button, and a "Watch Trailer" button. At the bottom, it says "© 2018 Copyright: FlickStar".

9. Admin Home Page

The screenshot shows the FlickStar admin interface. The URL in the address bar is `localhost/onlinemoviestore.v1.1/home.php`. The page title is "FlickStar". On the right, there's a user greeting "Hey sysadmin!" and navigation links for "+ Add Movie" and "Order Details". On the left, there's a sidebar with a "New Releases" section. The main content area features a large movie poster for "A Wrinkle in Time" with the Disney logo. At the bottom right of the poster is a play button icon. The footer has two small navigation icons.

10. Admin Info Page

The screenshot shows the FlickStar Admin interface for the movie "Ready Player One". The page title is "Ready Player One". On the left, there's a sidebar with movie details: Plot (When the creator of a virtual reality world called the OASIS dies, he releases a video in which he challenges all OASIS users to find his Easter Egg, which will give the finder his fortune.), Duration (02:20:00), IMDB Rating (8 / 10), Year (2018), Genre (action), Director (Steven Spielberg), Cast (Tye Sheridan, Olivia Cooke). In the center, there's a large movie poster for "Ready Player One". To the right of the poster is a "Quantity" dropdown set to 1, and buttons for "Add to Cart", "Watch Trailer", "Update Movie", and "Delete Movie". At the bottom, it says "© 2018 Copyright: FlickStar".

11. Update Movie

The screenshot shows the FlickStar Update Movie interface for "Ready Player One". The title "Update Movie" is at the top. Below it, the movie title is listed as "Ready Player One". The form fields include: Title (Ready Player One), Year (2018), Description (When the creator of a virtual reality world called the OASIS dies, he releases a video in which he challenges all OASIS users to find his Easter Egg, which will give the finder his fortune.), Duration (02:20:00), IMDB Rating* (8), Genre (action), Trailer (<https://www.youtube.com/watch?v=ixWL1BW>), Quantity (1), Price (5.99), Movie Director (Steven Spielberg), and Movie Poster* (Choose File No file chosen). There is an "Update" button at the bottom.

12. Delete Movie

The screenshot shows a web browser window with five tabs open, all titled "FlickStar". The active tab displays a movie detail page for "Ready Player One". A modal dialog box is overlaid on the page, showing the message "Movie deleted successfully" and an "OK" button. The main content area of the page includes the movie title "Ready Player One", its plot summary (a snippet from the movie), and its poster image. Below the poster are buttons for "Add to Cart", "Watch Trailer", "Update Movie", and "Delete Movie". On the left side of the page, there is a sidebar listing various movie details: Plot, Duration (02:20:00), IMDB Rating (8 / 10), Year (2018), Genre (action), Director (Steven Spielberg), Cast (Tye Sheridan, Olivia Cooke), and Quantity (set to 1). The bottom of the page features a copyright notice: "© 2018 Copyright: FlickStar".

Movie is not shown in search results after deletion but is in the database. (Soft Delete).

The screenshot shows a web browser window with five tabs open, all titled "FlickStar". The active tab displays a search results page. In the search bar, the word "ready" is entered. Below the search bar, the text "No results found !!" is displayed. The rest of the page is mostly blank, indicating that the search term did not find any matches. The bottom of the page features a copyright notice: "© 2018 Copyright: FlickStar".

13. Add Movie

The screenshot shows a web browser window with three tabs open, all titled 'FlickStar'. The active tab displays a form titled 'Add Movie'. The form has two columns. The left column contains labels for 'Movie ID*', 'Movie Title*', 'Movie Year*', 'Description', 'Duration*', 'Genre*', 'IMDB Rating*', 'Quantity*', 'Price*', 'Trailer Link*', and 'Movie Director*'. The right column contains input fields corresponding to these labels. At the bottom of the right column is a file input field labeled 'Movie Poster' with the placeholder 'Choose File' and a status message 'No file chosen'. Below this is a button labeled 'Insert'.

Team Members:

1. Vyoma Trivedi - vmt160030
2. Anshika Pradhan - axp166330
3. Kruthika Vishwanath - kxv150930

Contributions:

Vyoma Trivedi

- home.php
- header.php
- nav.php
- pagination_php.php
- pagination_php1.php

- search.php
- orderHistory.php
- cancellation.php
- info.php
- fullSearchPagination.php
- genre.php
- genrePagination.php

Anshika Pradhan

- cartPage.php
- buy_btn.php
- add_to_cart_btn.php
- db_conn.php
- db_conn_del.php

Kruthika Vishwanath

- addMovie.php
- AddMovieModel.php
- DeleteMovieModel.php
- login.html
- login.php
- register.html
- registration.php
- UpdateMovieInterface.php
- UpdateMovieModel.php

Issues Fixed

- A deleted movie will no longer be shown in the listings in the home page;
- This website will allow renting movies for 48 hours. So, from the purchase history page, by clicking on the movie thumbnail user can start watching the movie and after 48 hours of buying the link on thumbnail will become disabled.