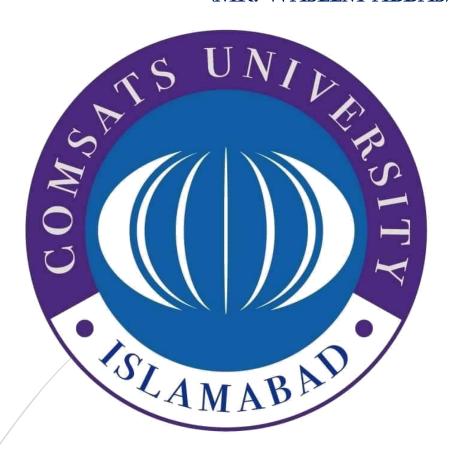
18/01/2022

CINEPLEX (WEB-BASED CINEMA)

CSC-336 WEB TECHNOLOGIES (MR. WASEEM ABBAS)



Submitted By:

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Abstract

CINEPLEX is a responsive web-based Application that will provide the user to access different movies and their schedule online. Now a days, it is very common for people to try and achieve their desired goals from home rather that visit a special place such as cinema to book the tickets. People prefer online resources to view the current screening movies and book their tickets online to save time. Cineplex will help the user to view movies and book tickets for the movie that they want to watch from home. this will also be helpful for the user as the cineplex will save the history of the user booked tickets in database.

Introduction

The web-based cinema management system, CINEPLEX provides maximum functionalities of a cinema on an online platform. Now a days, people want to get everything online in order to save the time and hassle of going to a specific cinema to get the required tickets for the movies. With that in mind, I am developing the online Cinema Application that will allow the user to access the desired movies and tickets on an online platform. Using this online platform, the user can also keep track of the tickets he has booked and can also view and edit his profile as he desires.

Scope

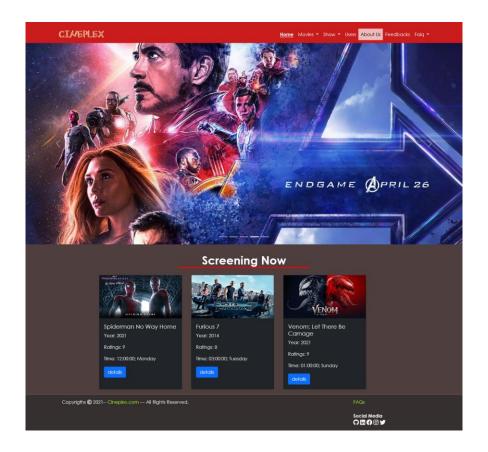
The CINEPLEX provides the user an easy access to the movies that are being screened in the cinemas. As the Application is responsive and user-friendly, the user can use it on either computers or their own mobile phones. It will have two (2) main users:

- Admin
- Users

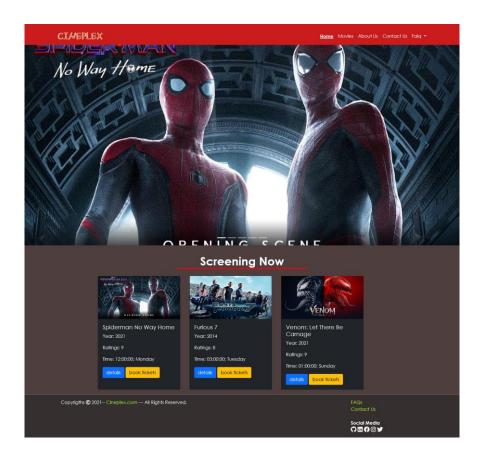
The Application will provide admin with the feature to add, update and delete movies alongside the scheduling of the movies. The admin will also have the feature to view the users registered in the application. The admin can also view the user's feedback to further better the working of the website.

The Application provides the users register and login to the website. After logging in the user can view the movies alongside their description and book tickets for the movies. The application will also provide the user the access to the view, edit their own profile.

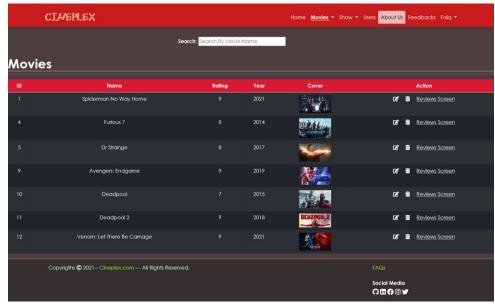
DESKTOP VIEW: Admin Home:



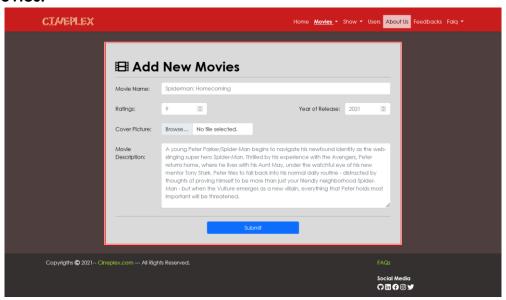
User Home:



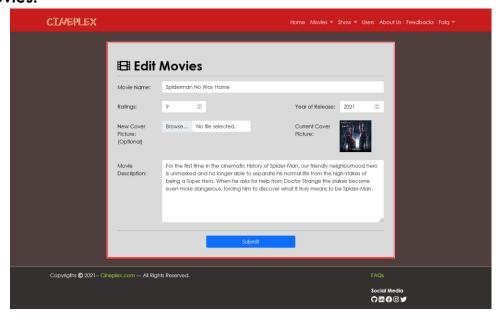
Admin View Movies:



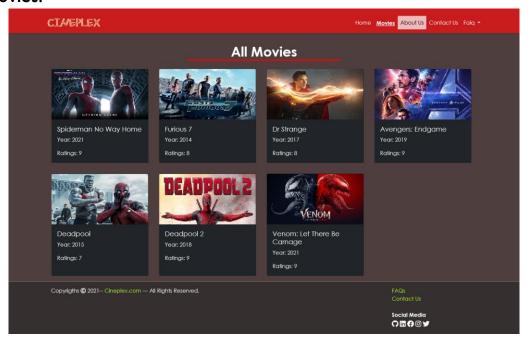
Admin Add Movies:



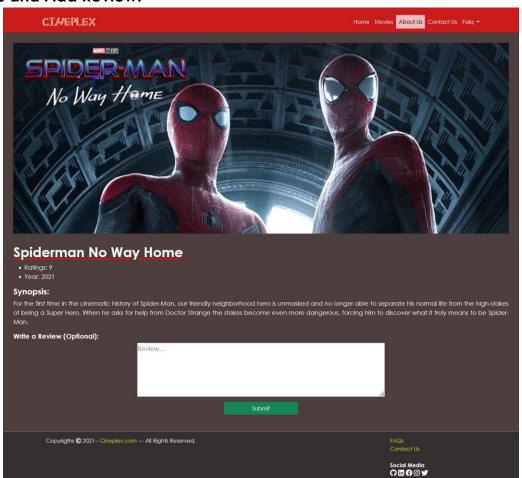
Admin Edit Movies:



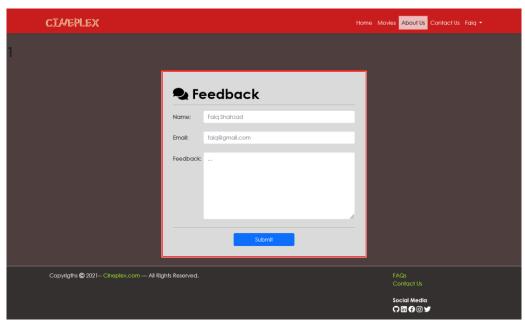
User View Movies:



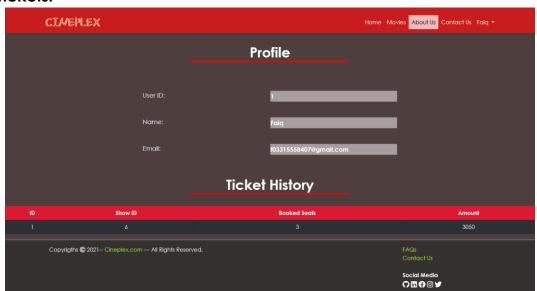
Movie Details and Add Review:



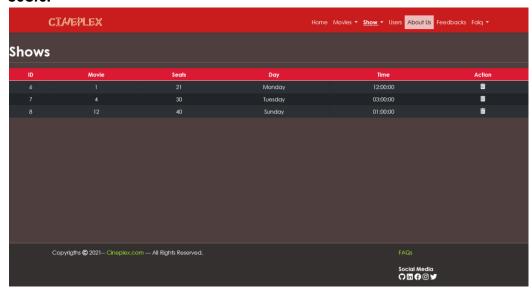
Contact Us:



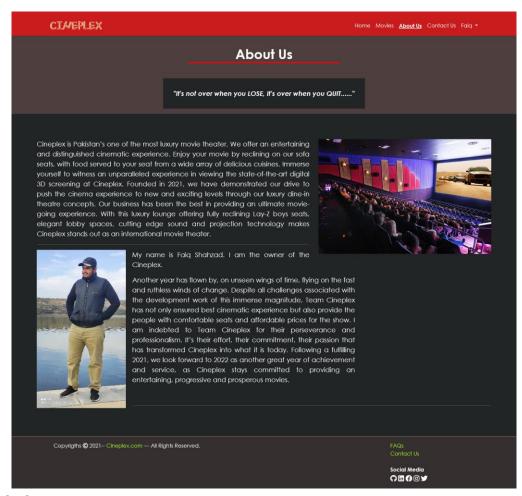
Profile and Tickets:



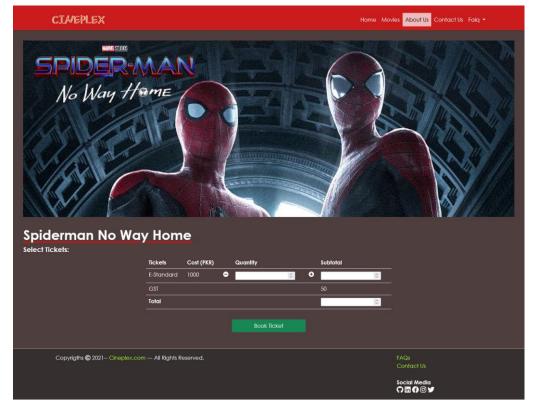
Admin View Users:



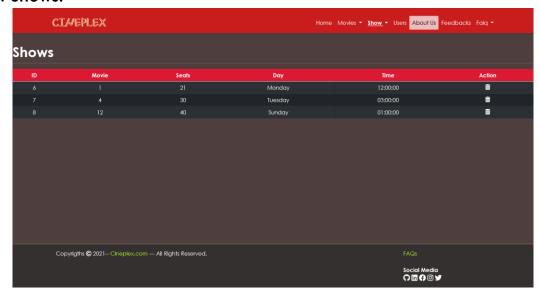
About Us:



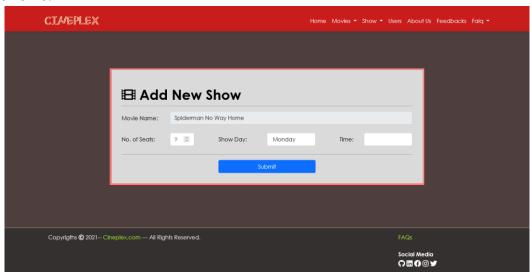
User Book Tickets:



Admin View Shows:



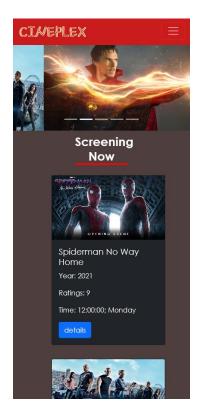
Admin Add Shows:



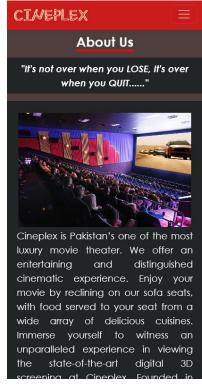
Admin View Movie Reviews:

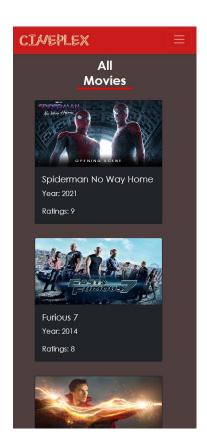


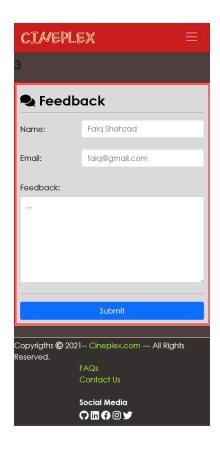
MOBILE VIEW:

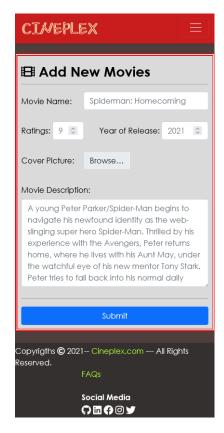












//----- C O D E ------

Routes (Web.php):

```
<?php
use App\Http\Controllers\MovieController;
use App\Models\Movies;
use Illuminate\Support\Facades\Route;
|-----
Web Routes
l-----
*/
Route::get('/', function () {
   return view('welcome');
});
Auth::routes();
Route::get('/home', 'App\Http\Controllers\HomeController@index');
//----- ADMIN ------
Route::middleware(['auth', 'chkAdmin'])-> group(function(){
   Route::get('/admin/home', 'App\Http\Controllers\HomeController@adminindex');
   Route::get('/admin/viewMovies', 'App\Http\Controllers\MovieController@show');
   Route::get('/admin/getMovies', 'App\Http\Controllers\MovieController@search');
   Route::get('/admin/{id}/edit', 'App\Http\Controllers\MovieController@edit');
   Route::put('/admin/{id}/update', 'App\Http\Controllers\MovieController@update');
   Route::get('/admin/{id}/delete', 'App\Http\Controllers\MovieController@delete');
   Route::get('/admin/{id}/review', 'App\Http\Controllers\MovieController@review');
   Route::post('/admin/addMovies', 'App\Http\Controllers\MovieController@addMovie');
   Route::get('/admin/addMovies', function(){
       return view('admin.addMovies');
   });
   Route::get('/admin/{id}/profile', 'App\Http\Controllers\UserController@viewprofile');
   Route::get('/admin/users', 'App\Http\Controllers\UserController@show');
   Route::get('/admin/feedbacks', 'App\Http\Controllers\UserController@feedbacks');
   Route::get('/admin/aboutUs', function(){
       return view('admin.aboutUs');
   });
   Route::post('/admin/{id}/addShows', 'App\Http\Controllers\MovieController@addshow');
   Route::get('/admin/{id}/deleteshow', 'App\Http\Controllers\MovieController@deleteshow');
```

```
Route::get('/admin/{id}/show', 'App\Http\Controllers\MovieController@movie_show');
   Route::get('/admin/viewShows', 'App\Http\Controllers\MovieController@viewshow');
   Route::get('/admin/movieDetails/{id}', 'App\Http\Controllers\MovieController@adminmoviedetails');
   Route::post('/admin/movieDetails/{id}/{user_id}', 'App\Http\Controllers\MovieController@adminaddreview');
   Route::get('/admin/bookTickets/{id}', 'App\Http\Controllers\TicketController@adminbookticket');
});
//----- USER ------
Route::get('/aboutUs', function(){
   return view('aboutUsUser');
});
Route::get('/{id}/profile', 'App\Http\Controllers\UserController@userviewprofile');
Route::get('/viewMovies/{id}', 'App\Http\Controllers\MovieController@moviedetails');
Route::get('/allMovies', 'App\Http\Controllers\MovieController@usershow');
Route::get('/bookTickets/{id}/{show_id}', 'App\Http\Controller@TicketController@bookticket');
Route::post('/bookTickets/{m id}/{id}/{show id}', 'App\Http\Controllers\TicketController@addticket');
Route::post('/viewMovies/{id}/{user_id}', 'App\Http\Controllers\MovieController@addreview');
Route::post('/{user_id}/contactUs', 'App\Http\Controllers\UserController@addfeedback');
Route::get('/{user_id}/contactUs', 'App\Http\Controllers\UserController@contactus');
Route::get('layout', function(){
   return view('layouts.layout');
});
```

Controllers:

Movie Controller:

```
<?php
namespace App\Http\Controllers;
use App\Models\Movies;
use App\Models\Review;
use App\Models\Shows;
use App\Models\User;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\File;
use Illuminate\Validation\Rules\Unique;
use Illuminate\Support\Facades\Auth;
class MovieController extends Controller{
    public function show(){
        $movielist = Movies::all();
        return view('admin.viewMovies');
    }
    public function search(Request $request){
```

```
if ($request->ajax()){
       $query = $request->get('query');
       if ($query != ''){
           $data = Movies::where('movie_name', 'LIKE', '%'.$query.'%')->get();
       }else{
           $data = Movies::all();
       }
   }
   $output = '';
   $coverurl = asset('covers/');
   foreach($data as $movie){
       $output.='
       '.$movie->id.'
           '.$movie->movie_name.'
           '.$movie->ratings.'
           '.$movie->year.'
           <img src="'.$coverurl.'/'.$movie->movie_cover.'" alt="">
           <a href="/admin/'.$movie->id.'/edit"><i class="fas fa-edit"></i></a>&emsp;
               <a href="/admin/'.$movie->id.'/delete"><i class="fas fa-trash-alt"></i></a>&emsp;
               <a href="/admin/'.$movie->id.'/review">Reviews</a>
               <a href="/admin/'.$movie->id.'/show">Screen</a>
           ';
   }
   return response()->json(['data'=>$output]);
}
public function addMovie(Request $request){
   $movie = new Movies();
   if ($request->hasFile('movie_cover')){
       $file = $request->file('movie_cover');
       $extension = $file->getClientOriginalExtension();
       $filename = time().'.'.$extension;
       $movie->movie_cover = $filename;
       $file->move('covers/', $filename);
   }else{
       $movie->movie_cover = 'defaultImg.png';
   }
   $movie->movie_name = $request->input('movie_name');
   $movie->movie_description = $request->input('movie_description');
   $movie->ratings = $request->input('ratings');
   $movie->year = $request->input('year');
   $movie->save();
   return redirect('/admin/viewMovies')->with('status', 'Movie Added Successfully');
}
```

```
public function edit($id){
    $movie = Movies::find($id);
    return view('admin.editMovies', compact('movie'));
}
public function update(Request $request, $id){
    $movie = Movies::find($id);
    if ($request->hasFile('movie_cover')){
        $filepath = 'covers/'.$movie->movie_cover;
        if (File::exists($filepath) && $movie->movie_cover != 'defaultImg.png'){
            File::delete($filepath);
        }
        $file = $request->file('movie cover');
        $extension = $file->getClientOriginalExtension();
        $filename = time().'.'.$extension;
        $movie->movie_cover = $filename;
        $file->move('covers/', $filename);
    }
    $movie->movie_name = $request->input('movie_name');
    $movie->movie_description = $request->input('movie_description');
    $movie->ratings = $request->input('ratings');
    $movie->year = $request->input('year');
    $movie->update();
    return redirect('/admin/viewMovies')->with('status', 'Movie Updated Successfully');
}
public function delete($id){
    $movie = Movies::find($id);
    $movie->delete();
    return redirect('/admin/viewMovies')->with('status', 'Movie Deleted Successfully');
}
public function review($id){
    $reviews = Review::where('movie_id', $id)->get();
    $movie = Movies::find($id);
    return view('/admin/reviewsMovies', compact('reviews', 'movie'));
}
public function addreview(Request $request, $id, $user_id){
```

```
$review = new Review();
    $review->user_id = $user_id;
    $review->movie_id = $id;
    $review->movie_review = $request->input('movie_review');
    $review->save();
    return redirect('/home')->with('status', 'Review Added Successfully');
}
public function moviedetails($id){
    $movie = Movies::find($id);
    $user = Auth::user();
    return view('/detailsMovie', compact('movie', 'user'));
}
public function adminaddreview(Request $request, $id, $user_id){
    $review = new Review();
    $review->user_id = $user_id;
    $review->movie_id = $id;
    $review->movie_review = $request->input('movie_review');
    $review->save();
    return redirect('/admin/home')->with('status', 'Review Added Successfully');
}
public function adminmoviedetails($id){
    $movie = Movies::find($id);
    $user = Auth::user();
    return view('/admin/detailsMovie', compact('movie', 'user'));
}
public function viewshow(){
    $showlist = Shows::all();
    $movielist = Movies::all();
    return view('admin.viewShows', compact('showlist', 'movielist'));
}
public function movie_show($id){
    $movie = Movies::find($id);
    return view('admin.addShows', compact('movie'));
}
```

```
public function addshow(Request $request, $id){
        $show = new Shows();
        $show->movie id = $id;
        $show->movie_seats = $request->input('movie_seats');
        $show->show_day = $request->input('show_day');
        $show->movie_time = $request->input('movie_time');
        $show->save();
        return redirect('/admin/viewShows')->with('status', 'Show Added Successfully');
    }
    public function deleteshow($id){
        $show = Shows::find($id);
        $show->delete();
        return redirect('/admin/viewShows')->with('status', 'Show Deleted Successfully');
    }
    public function usershow(){
        $movielist = Movies::all();
        return view('viewMovie', compact('movielist'));
    }
}
Ticket Controller:
<?php
namespace App\Http\Controllers;
use App\Models\Movies;
use App\Models\Shows;
use App\Models\User;
use App\Models\Tickets;
use Illuminate\Http\Request;
use Illuminate\Support\Facades\File;
use Illuminate\Validation\Rules\Unique;
use Illuminate\Support\Facades\Auth;
class TicketController extends Controller{
    public function bookticket($id, $show id){
        $movie = Movies::find($id);
        $show = Shows::find($show id);
        $user = Auth::user();
        return view('/bookTickets', compact('movie', 'user', 'show'));
```

}

```
public function addticket(Request $request, $id, $m_id, $show_id){
        $ticket = new Tickets();
        $movie = Movies::find($m_id);
        $show = Shows::find($show_id);
        $remainingseats = $show->movie_seats;
        $seats = $request->input('no_of_seats');
        $newseats = $remainingseats - $seats;
        $ticket->user_id = $id;
        $ticket->movie_id = $m_id;
        $ticket->no_of_seats = $seats;
        $ticket->movie_seats = $newseats;
        $ticket->show_id = $show_id;
        $ticket->total_bill = $request->input('totalbill');
        $show->movie_seats = $newseats;
        $show->update();
        $ticket->save();
        return redirect('/home')->with('status', 'Ticket Added Successfully');
    }
}
?>
Home Controller:
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Models\Movies;
use App\Models\Shows;
class HomeController extends Controller
{
    /**
     * Create a new controller instance.
     * @return void
    public function __construct(){
        $this->middleware('auth');
    }
    /**
     * @return \Illuminate\Contracts\Support\Renderable
     */
```

```
public function index(){
        $showlist = Shows::all();
        $movies = Movies::all();
        $screen = array();
        foreach ($showlist as $show) {
            $movieID = $show->movie_id;
            $movielist = Movies::where('id', $movieID)->get();
            // print_r($movielist);
            $screen1 = array($show->id, $show->movie_id, $show->show_day, $show->movie_time, $movielist[0]-
>movie_name, $movielist[0]->year, $movielist[0]->ratings, $movielist[0]->movie_cover);
            array push($screen, $screen1);
        }
        return view('/home', compact('movies', 'screen'));
    }
    public function adminindex(){
        $showlist = Shows::all();
        $movies = Movies::all();
        $screen = array();
        foreach ($showlist as $show) {
            $movieID = $show->movie_id;
            $movielist = Movies::where('id', $movieID)->get();
            // print_r($movielist);
            $screen1 = array($show->id, $show->movie_id, $show->show_day, $show->movie_time, $movielist[0]-
>movie_name, $movielist[0]->year, $movielist[0]->ratings, $movielist[0]->movie_cover);
            array_push($screen, $screen1);
        }
        return view('/admin/home', compact('movies', 'screen'));
    }
}
```

Views:

Home View:

```
@extends('layouts.adminlayout')
@section('title') Admin - Home @endsection
@section('style')

<style>
    .alert{
        width: 25%;
        margin-left: auto;
        margin-right: auto;
```

```
margin-top: 2%;
    text-align: center;
    border: 2px solid green !important;
}
h1{
   color: white;
    border-bottom: 4px solid red;
    font-weight: bold !important;
    text-align: center;
    width: 30%;
    margin-left: auto;
    margin-right: auto;
    margin-top: 2% !important;
}
.slide{
    width: 100%;
    margin-left: auto;
    margin-right: auto;
}
div .caption{
    position: absolute !important;
    color: white !important;
}
.carousel-item > img{
    width: 100%;
    object-fit: cover;
   object-position: center;
}
.carousel-item > .d-block{
    height: 700px;
}
.card:hover{
    transition: transform .4s;
    transform: scale(1.1);
}
.home_movies{
    width: 70%;
}
@media(max-width: 767px){
    .carousel-item > .d-block{
        height: 200px;
    }
```

```
}
</style>
@endsection
@section('content')
    @if (session('status'))
    <div class="alert alert-success" role="alert">
        {{ session('status') }}
    </div>
    @endif
    <div id="carouselExampleIndicators" class="carousel slide" data-bs-ride="carousel">
        <div class="carousel-indicators">
            <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="0"</pre>
class="active" aria-current="true" aria-label="Slide 1"></button>
            <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="1" aria-</pre>
label="Slide 2"></button>
            <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="2" aria-</pre>
label="Slide 3"></button>
            <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="3" aria-</pre>
label="Slide 4"></button>
            <button type="button" data-bs-target="#carouselExampleIndicators" data-bs-slide-to="4" aria-</pre>
label="Slide 5"></button>
        </div>
        <div class="carousel-inner">
            @php ($movie_covers = [])
            @foreach ($movies as $movie)
                @php (array_push($movie_covers, asset('covers/'.$movie->movie_cover)))
            @endforeach
            @php ($random = array_rand($movie_covers, 5))
            <div class="carousel-item active">
                <img src="{{ $movie_covers[$random[0]] }}" class="d-block w-100" alt="...">
            </div>
            <div class="carousel-item">
                <img src="{{ $movie_covers[$random[1]] }}" class="d-block w-100" alt="...">
            </div>
            <div class="carousel-item">
                <img src="{{ $movie_covers[$random[2]] }}" class="d-block w-100" alt="...">
            <div class="carousel-item">
                <img src="{{ $movie_covers[$random[3]] }}" class="d-block w-100" alt="...">
            <div class="carousel-item">
```

```
<img src="{{ $movie_covers[$random[4]] }}" class="d-block w-100" alt="...">
           </div>
       </div>
       <button class="carousel-control-prev" type="button" data-bs-target="#carouselExampleIndicators" data-</pre>
bs-slide="prev">
           <span class="carousel-control-prev-icon" aria-hidden="true"></span>
           <span class="visually-hidden">Previous</span>
       <button class="carousel-control-next" type="button" data-bs-target="#carouselExampleIndicators" data-</pre>
bs-slide="next">
           <span class="carousel-control-next-icon" aria-hidden="true"></span>
           <span class="visually-hidden">Next</span>
       </button>
   </div>
   <h1>Screening Now</h1>
   <div class="home movies container">
       <div class="row">
           @foreach ($screen as $item)
               <div class="card col-xl-3 mx-3 my-3 bg-dark text-white" style="width: 18rem;">
                   <img src="{{asset('covers/'.$item[7])}}" class="card-img-top" alt="..." height="150-px">
                   <div class="card-body">
                       <h5 class="card-title">{{ $item[4] }}</h5>
                       Year: {{ $item[5] }}
                       Ratings: {{ $item[6] }}
                       Time: {{ $item[3] }}; {{ $item[2] }}
                       <a href="/admin/movieDetails/{{ $item[1] }}" class="btn btn-primary">details</a>
                   </div>
               </div>
           @endforeach
       </div>
   </div>
@endsection
<script>
   setTimeout(function(){
       $('.alert').slideUp(1500);
   }, 2000);
</script>
```

Add Movies View:

```
@extends('layouts.adminlayout')
@section('title') Admin - Add Movies @endsection
@section('style')
<style>
    @media(max-width: 1600px){
        h1{
            margin-top: 2% !important;
            /* border-bottom: 1px solid black; */
            font-weight: bold !important;
        }
        hr{
            /* color: white !important; */
            margin-top: 0 !important;
            padding: 0 !important;
        }
        form{
            border: 5px double red;
            background-color: rgb(218, 218, 218);
            color: black;
            margin-left: auto;
            margin-right: auto;
            margin-top: 2%;
            width: 60%;
            padding: 2%;
        }
    }
    @media(max-width: 1079px){
        form{
            margin-top: 5%;
            width: 100%;
        }
    }
</style>
@endsection
@section('content')
    <form enctype="multipart/form-data" action="{{ url('/admin/addMovies') }}" method="POST">
        @csrf
```

```
----- ADD MOVIE FORM ------->
        <div class="row form-group">
           <div class="col-xl-12">
               <h1><i class="fas fa-film"></i> Add New Movies</h1>
           <hr>>
           </div>
        </div>
        <div class="row form-group">
            <label class="col-x1-2 col-4 col-form-label">Movie Name:</label>
            <div class="col-xl-10 col-8">
               <input type="text" id="name" class="form-control" name="movie_name" placeholder="Spiderman:</pre>
Homecoming"><br>
           </div>
        </div>
        <div class="row form-group">
            <label class="col-xl-2 col-2 col-form-label">Ratings:</label>
            <div class="col-xl-2 col-2">
               <input type="number" id="ratings" class="form-control" name="ratings" placeholder="9"><br>
           </div>
           <label class="col-xl-2 offset-xl-4 col-4 offset-1 col-form-label">Year of Release:</label>
            <div class="col-xl-2 col-3">
                <input type="number" id="year" class="form-control" name="year" placeholder="2021"><br>
           </div>
        </div>
        <div class="row form-group">
           <label class="col-x1-2 col-4 col-form-label" for="img">Cover Picture:</label>
           <div class="col-xl-4 col-3">
                <input type="file" id="img" class="form-control" name="movie_cover"><br>
           </div>
        </div>
        <div class="row form-group">
           <label class="col-xl-2 col-12 col-form-label">Movie Description:</label>
            <div class="col-xl-10 col-12">
               <textarea name="movie_description" id="" cols="30" rows="7" id="description" class="form-</pre>
control"
```

placeholder="A young Peter Parker/Spider-Man begins to navigate his newfound identity as the web-slinging super hero Spider-Man. Thrilled by his experience with the Avengers, Peter returns home, where he lives with his Aunt May, under the watchful eye of his new mentor Tony Stark. Peter tries to fall back into his normal daily routine - distracted by thoughts of proving himself to be more than just your friendly neighborhood Spider-Man - but when the Vulture emerges as a new villain, everything that Peter holds most important will be threatened.