**KGISL INSTITUTE OF TECHNOLOGY**

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**MEDIA STREAMING**

*Submitted by,*

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**1. Define Platform Features:**

**-Live Streaming**: Implement the ability to stream movies or events live, ensuring high-quality video and audio.

**- Video Library**: Create a library where users can access previously recorded movies or events for on-demand viewing.

- **User Profiles**: Allow users to create and manage their profiles, including personal information, preferences, and payment details.

**- Content Catalog**: Organize movies or events into categories and provide a search functionality for users to easily discover content.

- **Scheduling:** Enable users to view upcoming movie screenings, purchase tickets, and set reminders for events they're interested in.

**- Ticket Booking:** Implement a ticketing system for users to purchase access to specific movies or events.

**- Payment Integration:** Integrate payment gateways for secure and convenient ticket purchases.

**- User Reviews and Ratings**: Allow users to rate and review movies or events, helping others make informed choices.

- **Chat and Social Interaction**: Implement chat functionality for users to communicate during live events and social features to connect with other users.

**- Virtual Concessions:**Allow users to order snacks or merchandise for delivery during the screening.

2. Design an Intuitive User Interface:

- **Homepage:**Create a visually appealing homepage that showcases featured movies or events and provides easy access to the content catalog.

**- Content Pages:** Design dedicated pages for each movie or event, including details, trailers, and user reviews.

**- User Dashboard:**Develop a user-friendly dashboard where users can manage their profile, purchased tickets, and preferences.

- **Search and Navigation:** Implement an intuitive navigation menu and search bar for users to find content quickly.

-**Responsive Design:**Ensure that the platform is accessible and user-friendly on various devices, including desktops, tablets, and smartphones.

**- High**-**Quality Thumbnails and Posters:** Use high-resolution images and attractive thumbnails for movies and events to enhance visual appeal.

**3. Set up User Registration and Authentication:**

**-User Registration**: Create a user registration system where users can sign up with their email or social media accounts.

- **Email Verification:** Implement email verification to ensure the authenticity of user accounts.

**- Password Security:** Use strong encryption methods to secure user passwords.

- **Multi-Factor Authentication (MFA):**Provide the option for users to enable MFA for enhanced account security.

**- User Profiles:** Allow users to personalize their profiles and manage their information.

**- Role-Based Access**:Implement user roles, such as viewers and administrators, with varying levels of access and permissions.

- **Privacy Settings:**Enable users to control the visibility of their profiles and interactions with others.

**- Data Protection:** Ensure compliance with data protection regulations and take measures to protect user data.

**- Session Management**: Implement secure session management to prevent unauthorized access.

**- Password Recovery:**Enable users to reset their passwords securely if they forget them.

<!DOCTYPE html>

<html>

<head>

<title>Virtual Cinema</title>

<link rel="stylesheet" type="text/css" href="style.css">

</head>

<body>

<header>

<h1>Welcome to Virtual Cinema</h1>

<nav>

<ul>

<li><a href="#">Home</a></li>

<li><a href="#">Movies</a></li>

<li><a href="#">Events</a></li>

<li><a href="#">Login</a></li>

<li><a href="#">Sign Up</a></li>

</ul>

</nav>

</header>

<section class="main-content">

<h2>Now Playing</h2>

<div class="movie-card">

<img src="movie1.jpg" alt="Movie 1">

<h3>Movie 1</h3>

<p>Description of Movie 1</p>

<a href="#">Watch Now</a>

</div>

<div class="movie-card">

<img src="movie2.jpg" alt="Movie 2">

<h3>Movie 2</h3>

<p>Description of Movie 2</p>

<a href="#">Watch Now</a>

</div>

</section>

<section class="footer">

<p>&copy; 2023 Virtual Cinema</p>

</section>

</body>

</html>

**Code in css:**

body {

font-family: Arial, sans-serif;

}

header {

background-color: #333;

color: white;

text-align: center;

padding: 10px;

}

header h1 {

margin: 0;

}

nav ul {

list-style: none;

padding: 0;

}

nav ul li {

display: inline;

margin-right: 20px;

}

nav a {

text-decoration: none;

color: white;

}

.main-content {

padding: 20px;

}

.movie-card {

border: 1px solid #ccc;

margin: 10px;

padding: 10px;

width: 300px;

display: inline-block;

text-align: center;

}

.movie-card img {

max-width: 100%;

}

.footer {

background-color: #333;

color: white;

text-align: center;

padding: 10px;