

# **MEDIA STREAMING WITH IBM CLOUD VIDEO STREAMING**

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# Problem statement

Create a virtual cinema platform using IBM Cloud Video Streaming. Where users can upload and stream movies and videos on-demand. Define the virtual cinema platform, designing the user interface, integrating IBM Cloud Video Streaming services, enabling on-demand video playback, and ensuring a seamless and immersive cinematic experience.

# Innovation

We are introducing the feature for users to form groups by inviting other users and they can share videos and chat among the groups to enhance the user experience.

In addition to it we are providing with the subscription option for users to access the cloud for uploading videos .

we also let the users to like, share and comment the videos and can download the videos to enjoy in offline.

# Basic Tools used

- HTML
- CSS
- Java sript
- Php

# Web page Features

## **Home page:**

- Contains login and settings page.
- Contains Search bar and helps the user to explore all the contents.

## **Login/sign up page:**

- To create a new account and to enter the web page for existing users.
- To segregate the premium account users, who can upload as well as enjoy then contents.

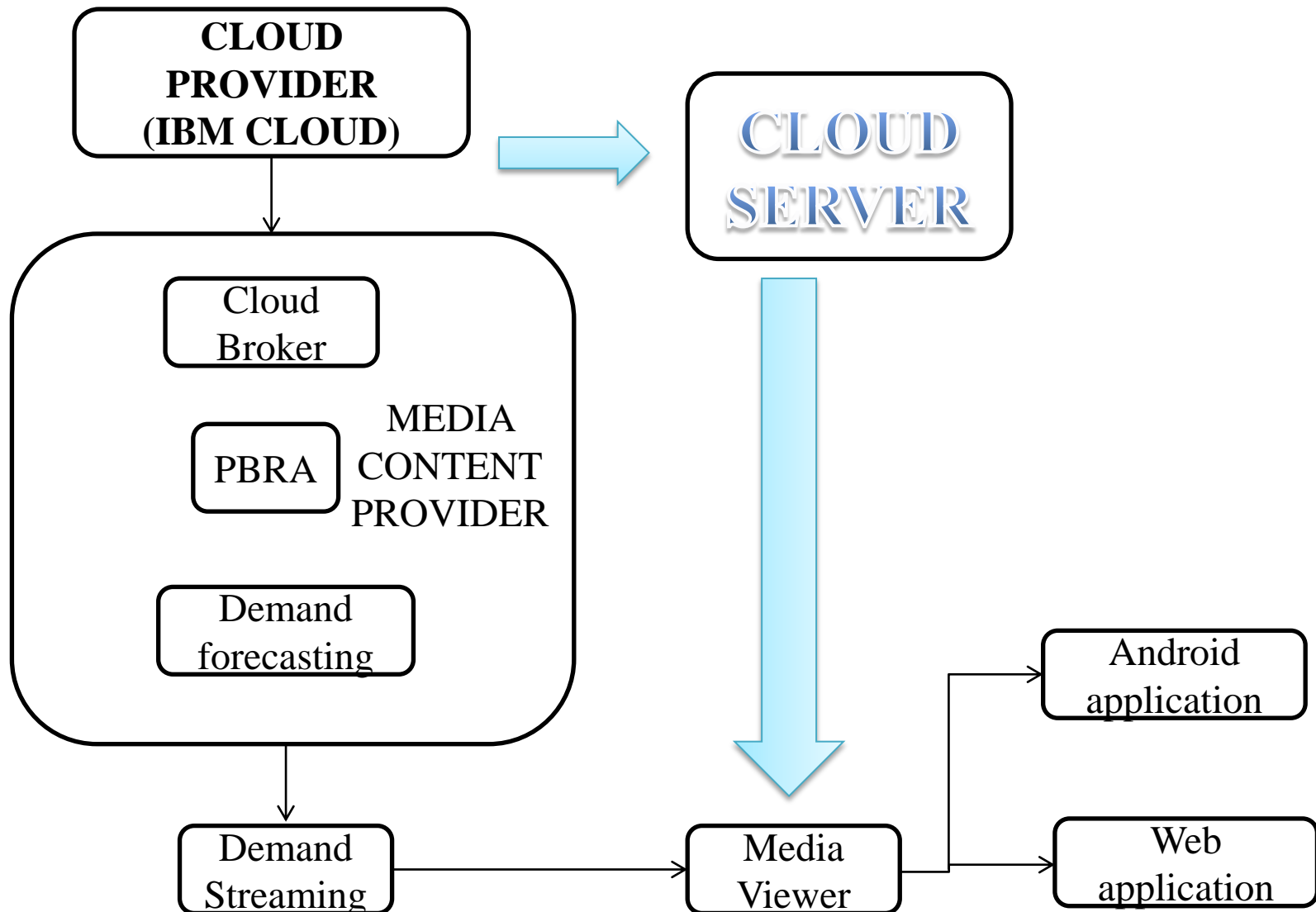
## **Settings page:**

- Contains user profile and bio
- Contains history, Data management

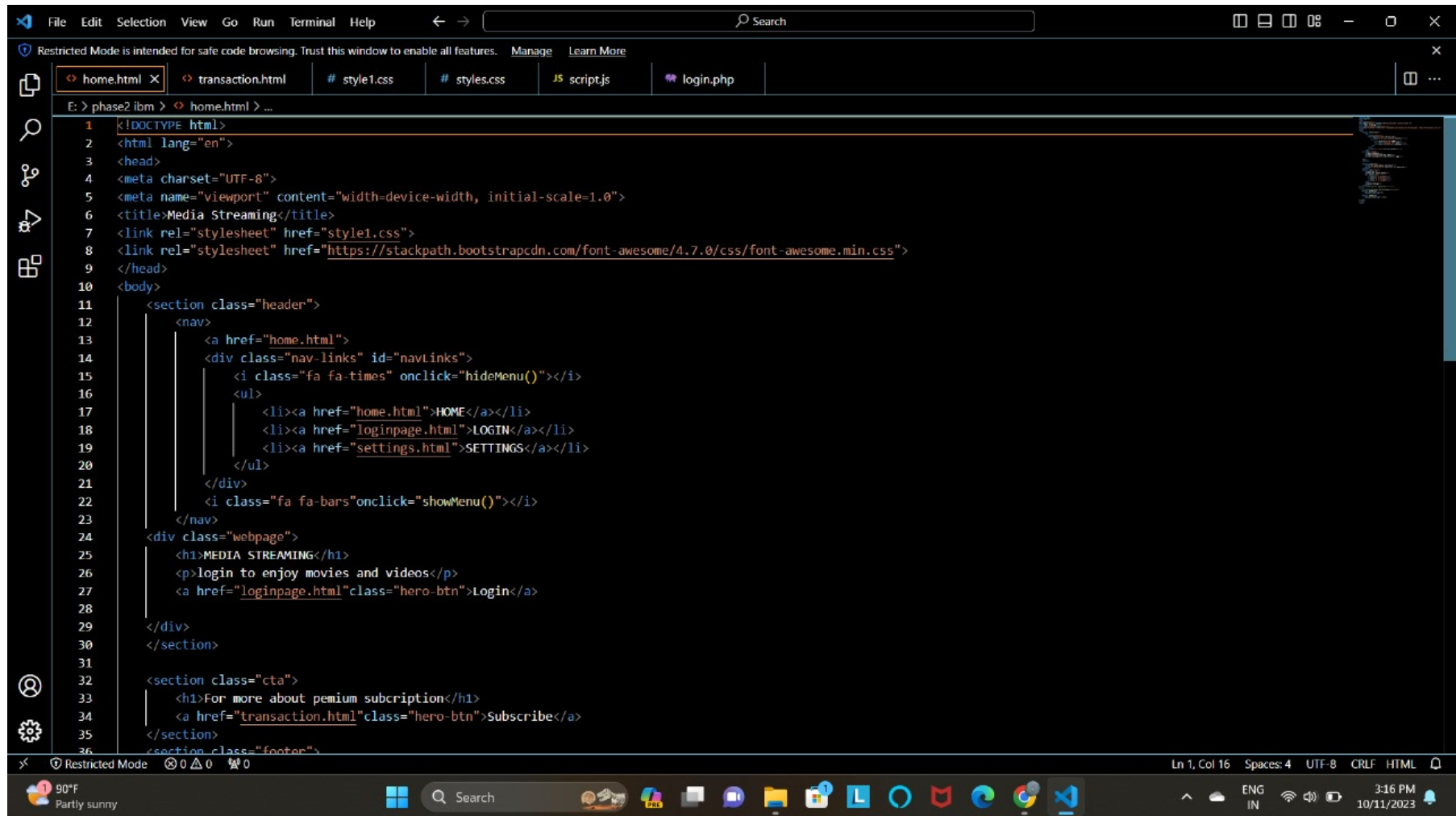
## **Subscription page:**

- Allows user to pay and use the cloud features

# Block Diagram



# Model Prototype for developing web application

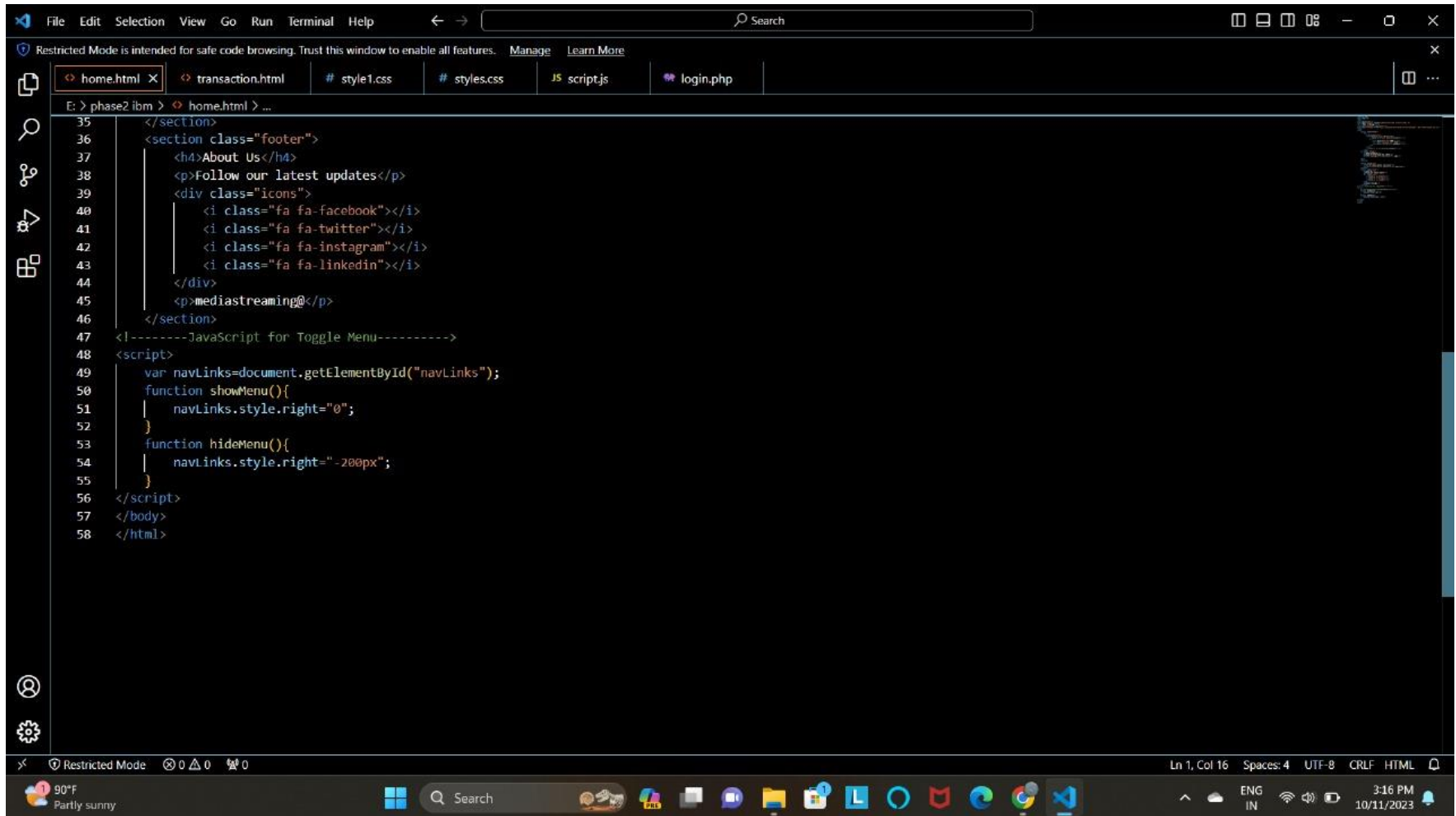


The image shows a screenshot of a web development IDE, likely Visual Studio Code, with a dark theme. The editor is displaying the code for a file named `home.html`. The code is HTML and includes a navigation menu, a main content area, and a footer. The IDE interface includes a menu bar (File, Edit, Selection, View, Go, Run, Terminal, Help), a search bar, and a tab bar showing several open files: `home.html`, `transaction.html`, `style1.css`, `styles.css`, `script.js`, and `login.php`. The code in the editor is as follows:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Media Streaming</title>
7 <link rel="stylesheet" href="style1.css">
8 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css">
9 </head>
10 <body>
11   <section class="header">
12     <nav>
13       <a href="home.html">
14         <div class="nav-links" id="navLinks">
15           <i class="fa fa-times" onclick="hideMenu()"></i>
16           <ul>
17             <li><a href="home.html">HOME</a></li>
18             <li><a href="loginpage.html">LOGIN</a></li>
19             <li><a href="settings.html">SETTINGS</a></li>
20           </ul>
21         </div>
22         <i class="fa fa-bars" onclick="showMenu()"></i>
23       </nav>
24       <div class="webpage">
25         <h1>MEDIA STREAMING</h1>
26         <p>login to enjoy movies and videos</p>
27         <a href="loginpage.html" class="hero-btn">Login</a>
28       </div>
29     </section>
30
31     <section class="cta">
32       <h1>For more about pemium subcription</h1>
33       <a href="transaction.html" class="hero-btn">Subscribe</a>
34     </section>
35
36     <section class="footer">
```

The IDE status bar at the bottom shows "Ln 1, Col 16", "Spaces: 4", "UTF-8", "CRLF", and "HTML". The Windows taskbar at the very bottom shows the date and time as "3:16 PM 10/11/2023" and the weather as "90°F Partly sunny".

# Model Prototype for developing web application



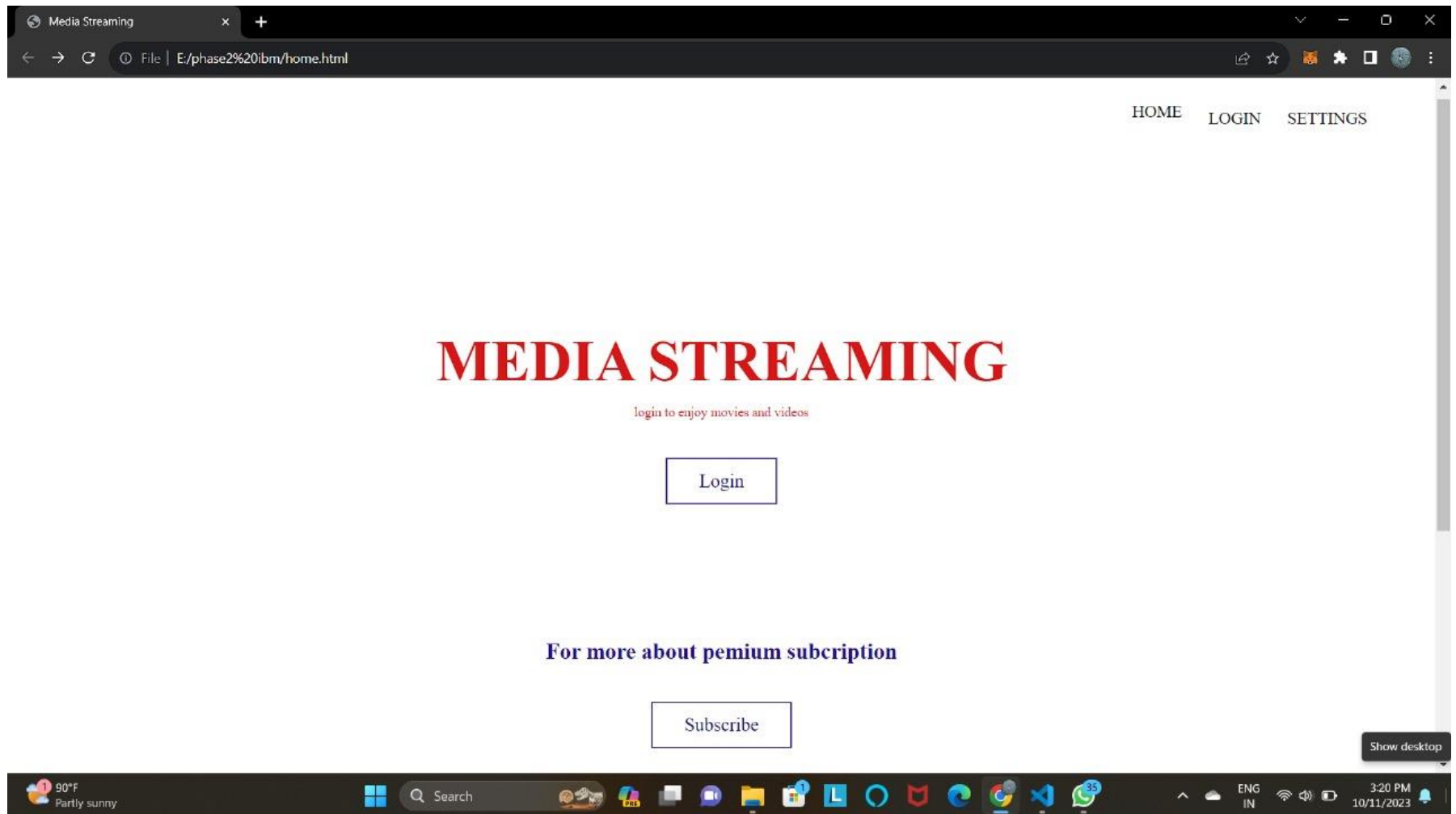
The image shows a screenshot of a web development IDE, likely Visual Studio Code, with a dark theme. The interface includes a menu bar at the top with options: File, Edit, Selection, View, Go, Run, Terminal, and Help. Below the menu bar is a search bar and a status bar indicating "Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Manage Learn More". The main editor area displays a file named "home.html" with the following code:

```
35 </section>
36 <section class="footer">
37   <h4>About Us</h4>
38   <p>Follow our latest updates</p>
39   <div class="icons">
40     <i class="fa fa-facebook"></i>
41     <i class="fa fa-twitter"></i>
42     <i class="fa fa-instagram"></i>
43     <i class="fa fa-linkedin"></i>
44   </div>
45   <p>mediastreaming@</p>
46 </section>
47 <!--JavaScript for Toggle Menu-->
48 <script>
49   var navLinks=document.getElementById("navLinks");
50   function showMenu(){
51     |   navLinks.style.right="0";
52   }
53   function hideMenu(){
54     |   navLinks.style.right="-200px";
55   }
56 </script>
57 </body>
58 </html>
```

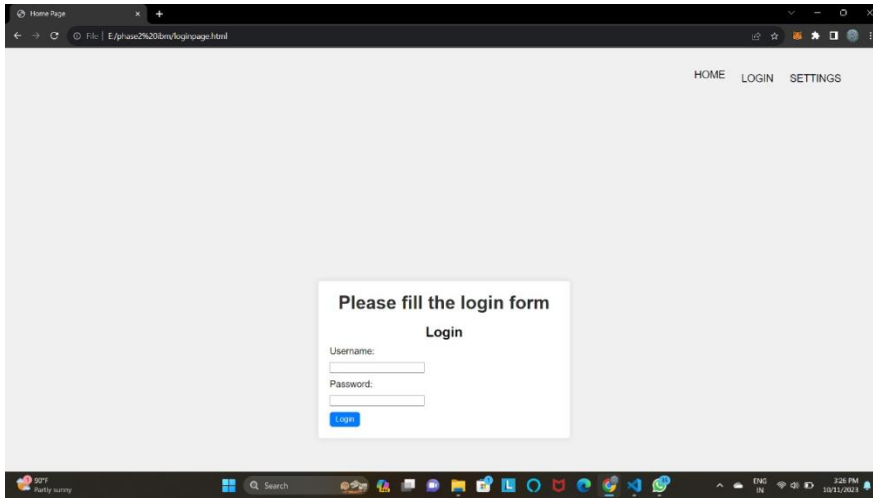
The code is written in a light blue font on a dark background. The IDE also shows a sidebar on the left with icons for Explorer, Search, and Run and Debug. The bottom status bar displays "Ln 1, Col 16", "Spaces: 4", "UTF-8", "CRLF", and "HTML". The Windows taskbar at the very bottom shows the time as 3:16 PM on 10/11/2023, along with various system icons and the Windows Start button.



# Model Prototype for developing web application

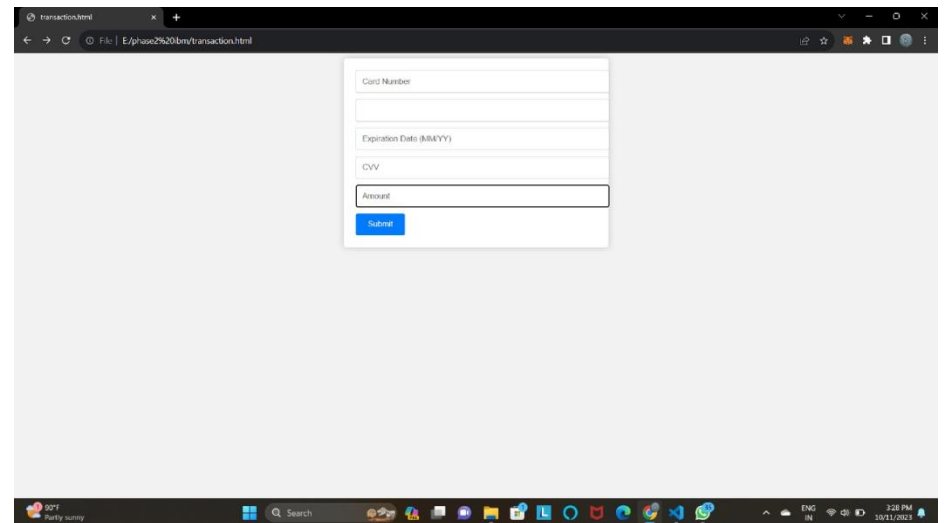
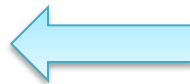


# Model Prototype for developing web application



**Login page**

**Subscription  
page**



# Conclusion

In Phase 2 we conclude the media streaming using IBM cloud video streaming platform creation is achieved using simple Web page features include home page, web page ,settings page and login/sign up page also further adding like live streaming, high quality video uploading, community chatting. Also we have working for the better appearance of web page for better user experience.

THANK YOU