TITLE OF PROJECT REPORT: NETFLIX WEBSITE CLONE

A project Report

Submitted by

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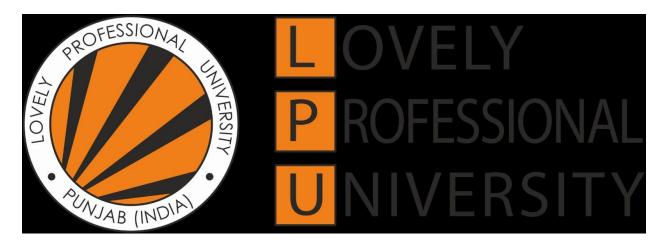
Is partially fulfillment for the award of the degree

Of

BACHELOR OF TECHNOLOGY AND ENGINEERING

IN

BRANCH OF STUDY: COMPUTER SCIENCE



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Section - K24PR

LOVELY PROFESSIONAL UNIVERSITY, PUNJAB

BONAFIED CERTIFICATE

Certificate that this project report "NETFLIX WEBSITE CLONE" is the Bonafide work of "DISHANT THAKUR" carried out the project under my supervision.

<<Signature of the Supervisor>>
SIGNATURE

Acknowledgment

I would like to express my sincere gratitude to my teacher, Abass Hassan, for their invaluable guidance, support, and encouragement throughout the course of this project. Their expertise, patience, and constructive feedback have been instrumental in helping me develop a deeper understanding of the subject and successfully complete this work. I am truly grateful for their constant motivation and for providing me with the necessary resources to excel.

Thank you once again for your mentorship and for fostering an environment that encourages learning and growth.

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GitHub Reference Link: https://github.com/Dishant-

Thakur/Dishant-Thakur.git

INTRODUCTION: -

CONTEXT: This little project has been done as a part of my course for the CSE at Lovely Professional University.

IDEA: It has been the first experience doing such a tiny project full of creative interest. We wanted to make our project an attractive website with creativity, we used different programming processes like HTML for creating a basic website, and to get a radiant look we used CSS part for design stylishly the web. These programming processes are easy to approach and understand the coding.

Technology used:

- 1. HTML: HTML (Hypertext Markup Language) is the standard language used to create and structure web pages. It consists of a series of elements (tags) that define the layout, content, and format of web pages, such as text, images, and links. Browsers interpret HTML to display websites.
- 2. CSS: CSS stands for cascading style sheets. In short, CSS is a design language that makes a website look more appealing than just plain or uninspiring pieces of text. Whereas HTML largely determines textual content, CSS determines visual structure, layout, and aesthetics. HTML is a markup language, and CSS is a style sheet language. Think "look and feel" when you think CSS.

Working of Project: -

- 1. Sign-up Page The Netflix sign-up page is designed to be simple, user-friendly, and quick to navigate. Upon landing on the page, new users are prompted to create an account by entering their email address and selecting a password. From there, they can choose from a variety of subscription plans, each offering different levels of access in terms of screen availability, video quality, and pricing. The page provides clear explanations of the benefits of each plan, making it easy for users to select the one that best suits their needs. After entering payment details, users can begin their free trial (if available) or immediately start using their subscription. The sign-up process is streamlined with minimal steps, ensuring users can quickly get started with Netflix and begin exploring its vast content library without unnecessary delays.
- 2. Subscription- Plan Netflix's subscription plans offer flexible options to cater to different viewing preferences and budgets. The service provides three main tiers: **Basic**, **Standard**, and **Premium**. The **Basic** plan allows for streaming on one screen at a time in standard definition (SD) for \$9.99 per month. The

Standard plan, priced at \$15.99 per month, enables streaming on two screens simultaneously with high-definition (HD) quality. For users who want the best experience, the **Premium** plan offers 4K Ultra HD streaming on up to four screens simultaneously for \$19.99 per month. Each plan allows unlimited access to Netflix's extensive library of movies, TV shows, and original content, with the flexibility to cancel at any time. Additionally, Netflix often offers a free trial or promotional offers for new users to test out their plans before committing to a subscription.

3. Home Page - The Netflix homepage features a clean, visually engaging layout designed to provide easy access to a vast library of TV shows, movies, and original content. Upon logging in, users are greeted with personalized recommendations based on their viewing highlighted eye-catching banners for trending or newly released content. The top of the page includes navigation options for browsing categories like "Home," "TV Shows," "Movies "and "My List" Below, users can explore a variety of genres through carousel-style grids, offering quick previews and seamless transitions between titles. The page also features a search bar for direct content discovery and quick access to account settings. Overall, Netflix's homepage is designed for effortless navigation and

4. Tv Shows Page - The "TV Shows" section of the Netflix website showcases a wide array of television content, organized into various categories to help users easily discover new favorites. The homepage of this section features popular and trending shows, often with large, visually appealing banners highlighting the latest or most-watched series. Users can browse through genres like drama, comedy, thriller, sci-fi, documentaries, and more, with curated lists designed to match a variety of tastes. Netflix also offers a mix of original programming, critically acclaimed series, and a broad selection of licensed content, ensuring there's something for every type of viewer. As users scroll, they can quickly preview show details, including episode summaries, trailers, and ratings, making it easy to find the next binge-worthy series. Personalized recommendations are also prominently displayed, based on viewing habits and preferences.

5.My Lists - On the Netflix website, the "My List" feature allows users to curate a personalized collection of shows, movies, and documentaries they want to watch later. This list acts as a custom watchlist, helping users organize contents

Snippets of Written Code: -

HTML PART

Sign – In Page Code -

```
.signup-section {
   display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
    background-image: url('https://assets.nflxext.com/ffe/siteui/vlv3/b5976cfd-fd56-451b-91ca-b2f2ccdb2c32.jpg');
   background-size: cover;
background-position: center;
    text-align: center;
.signup-container {
   background-color: ☐rgba(0, 0, 0, 0.7);
    padding: 40px;
   max-width: 400px;
   width: 100%;
    border-radius: 10px;
.signup-container h1 {
    font-size: 32px;
    font-weight: bold;
    margin-bottom: 20px;
.signup-container p {
   font-size: 16px;
    margin-top: 70px;
.signup-form input {
    width: 100%;
                                                                                                       Ln 5, Col 75 Spaces: 4 UTF-8
```

```
]
.signup-form button {
   padding: 15px;
   width: 100%;
   font-size: 18px;
   background-color: #e50914;
   border: none;
   cursor: pointer;
border-radius: 5px;
   color: ■white;
   transition: background-color 0.3s;
.signup-form button:hover {
   background-color: #f40612;
.already-have-account p {
  font-size: 14px;
   margin-top: 20px;
.already-have-account a { color: ■#e50914;
   text-decoration: none;
   background-color: ☐#333;
   padding: 20px;
   text-align: center;
   bottom: 0;
   width: 100%;
   max-width: 1000px;
   margin: 0 auto;
```

```
<html lang="en">
     footer .footer-content {
124 footer .footer-links {
        display: flex;
         justify-content: center;
         gap: 20px;
         margin: 10px 0;
       text-decoration: none;
        color: ■#aaa;
         font-size: 14px;
         color: ☐white;
     footer p {
      font-size: 14px;
         color: ■#aaa;
         margin-top: 10px;
            <div class="logo">
               <img src="https://upload.wikimedia.org/wikipedia/commons/0/08/Netflix_2015_logo.svg" alt="Netflix Logo">
                <a href="Subscriptions Plans.html">Subscription Plans</a> <bre><bre>
              <a href="home.html">Home</a> <br/><a href="tv shows .html">TV Shows</a> <br/><br/>
```

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```

Subscription and Plans Page code -

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Home Page Code -

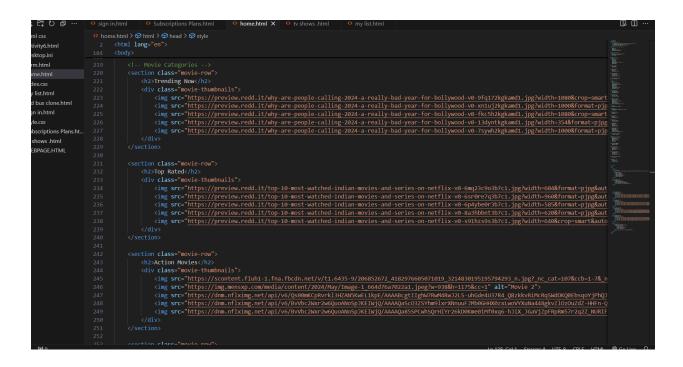
```
♦ home.html × ♦ tv shows .html
                     <!DOCTYPE html>
                     <html lang="en">
                         <meta charset="UTF-8">
                         <meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">
                          <title>Netflix - Home Page </title>
s Plans.ht...
                         margin: 0;
padding: 0;
TML
                         box-sizing: border-box;
                         background-color: #141414;
                         font-family: 'Helvetica', sans-serif;
background-color: □#141414;
                        color: ■white;
                     header {
                         top: 20px;
                         justify-content: space-between;
                          width: 100%;
                         padding: 20px;
                    header .logo img {
   width: 150px;
                         height: auto;
                          gap: 20px;
```

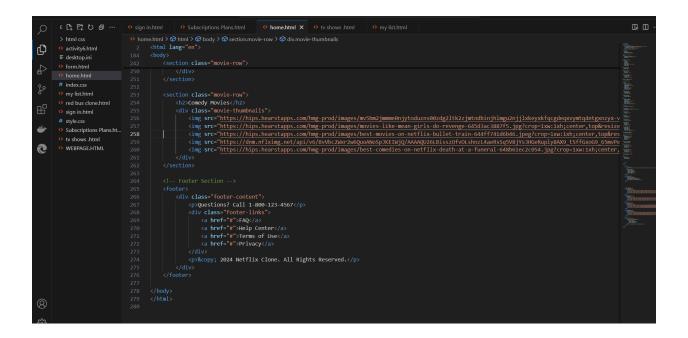
```
home.html > ♦ html > ♦ body > ♦ header > ♦ div.nav-links > ♦ a
   <html lang="en">
   header .nav-links a {
       color: ☐white;
       font-size: 16px;
       transition: color 0.3s;
   header .nav-links a:hover {
       color: ■#e50914;
   .banner {
       background-size: cover;
       background-position: center;
       height: 80vh;
       color: ■white;
       display: flex;
       justify-content: center;
       align-items: center;
       text-align: center;
       font-size: 60px;
       font-weight: bold;
       margin-bottom: 20px;
   .banner-content p {
       font-size: 20px;
margin-bottom: 30px;
   .btn {
       padding: 15px 30px;
       font-size: 18px;
       color: ■white;
       background-color: ■#e50914;
```

```
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                                                                                ◆ home.html × ◆ tv shows .html ◆ my list.html
C
       activity6.html
                                        <html lang="en">

    desktop.ini

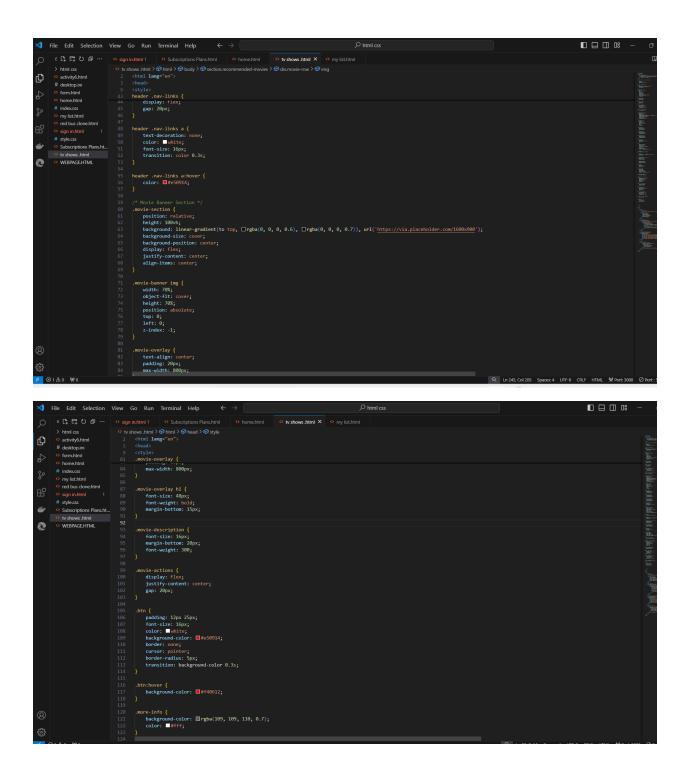
       o home.html
                                            padding: 15px 30px;
                                             font-size: 18px;
                                             color: ■white;
        red bus clone.html
                                             background-color: ■#e50914;
        # style.css
       Subscriptions Plans.ht...
                                             cursor: pointer;
transition: background-color 0.3s;
       ♦ WEBPAGE.HTML
                                             background-color: ■#f40612;
                                         .btn.more-info {
| background-color: □rgba(109, 109, 110, 0.7);
                                             color: ■white;
                                         .banner-content {
   position: absolute;
                                             padding: 20px;
text-align: center;
(8)
                                         .movie-row h2 {
   font-size: 28px;
```



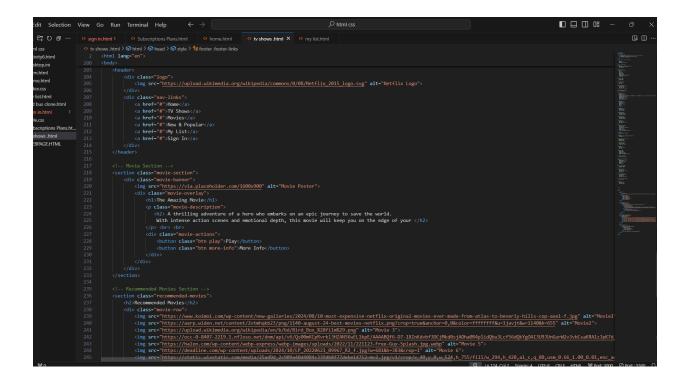


Tv Shows Page Code -

```
♦ tv shows .html X
♦ my list.html
♦ tv shows .html > ♦ html > ♦ body > ♦ section.recommended-movies > ♦ div.movie-row > ♦ img
       <html lang="en">
           <meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">
<title>Netflix - Movie Page</title>
           margin: 0;
            padding: 0;
            box-sizing: border-box;
       body {
font-family: 'Helvetica', sans-serif;
background-color: □#141414;
            color: □white;
       header {
         position: absolute;
top: 0;
left: 0;
width: 100%;
            padding: 20px;
             display: flex;
             justify-content: space-between;
             align-items: center;
        header .logo img {
   width: 120px;
             height: auto;
         display: flex;
gap: 20px;
```



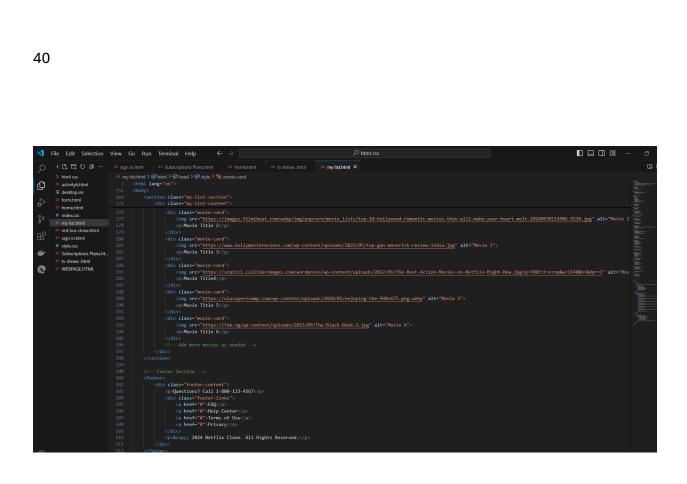
```
| Note |
```



My List Page Code -

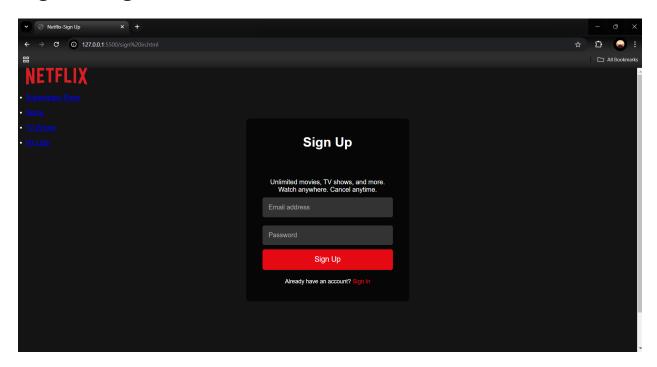
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```
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   Ф
 /* My List Section */
.my-list-section {
   padding: 50px 20px;
   text-align: center;
                                                                                                                                  .my-list-section h1 {
   font-size: 36px;
   margin-bottom: 20px;
}
                                                                                                                                     .my-list-content {
    display: grid;
    grid-template-columns: repeat(auto-fill, minmax(200px, 1fr));
    gap: 20px;
    justify-content: center;
                                                                                                                                     .movie-card img {
  width: 100%;
  height: 300px;
  object-fit: cover;
File Edit Selection View Go Run Terminal Help
                                                                                                                                                                                                                                                             ♦ home.html ♦ tv shows .html ♦ my list.html ×
```

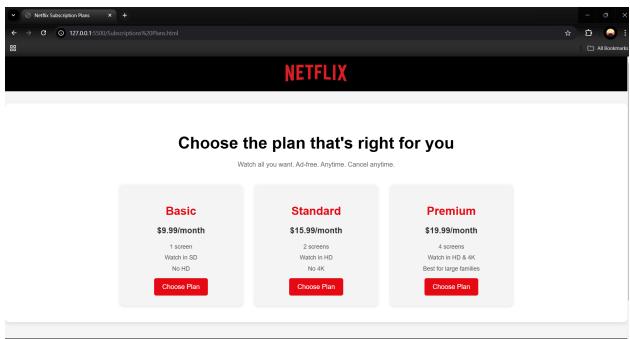


Web Pages screen shot: -

Sign-In Page:



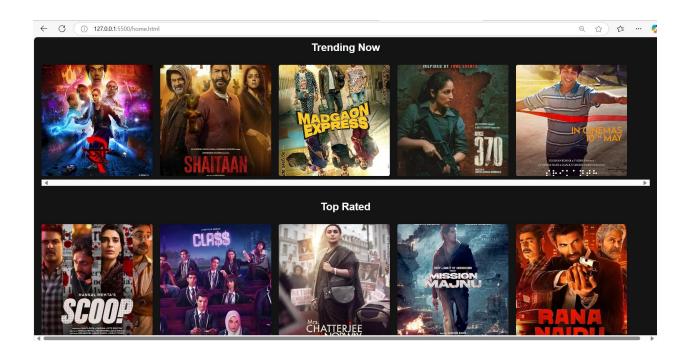
Subscription – Plans Page -

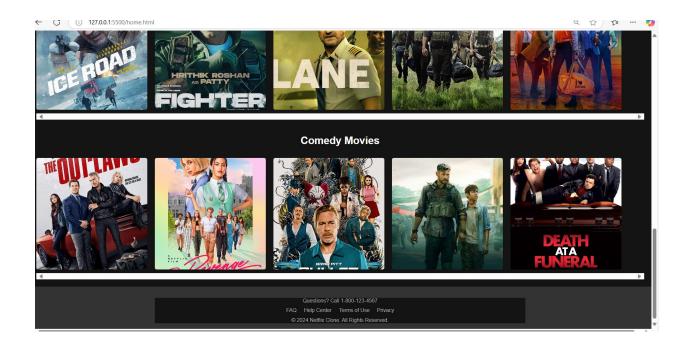


Home Page -

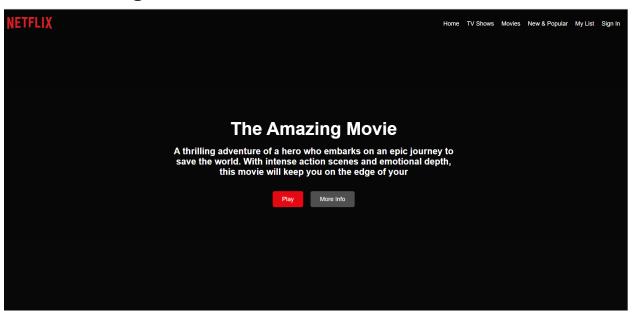


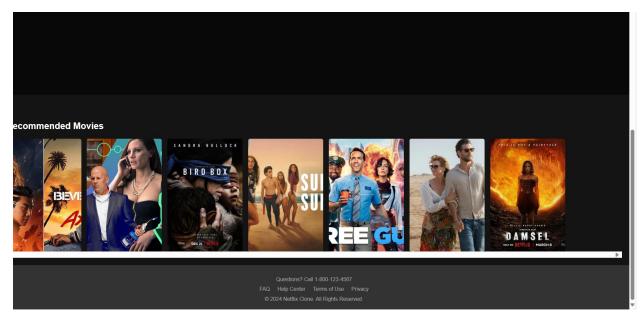






Tv Shows Page:





My List Page-

