

```

<div class="container">
  <div class="row">
    <div class="col-md-6 col-lg-8"> <!-- _____ BEGIN NAVIGATION
      <nav id="nav" role="navigation">
        <ul>
          <li><a href="index.html">Home</a></li>
          <li><a href="home-events.html">Home Events</a></li>
          <li><a href="multi-col-menu.html">Multiple Column Men
          <li class="has-children"> <a href="#" class="current">
            <ul>
              <li><a href="tall-button-header.html">Tall But
              <li><a href="image-logo.html">Image Logo</a></li>
              <li class="active"><a href="tall-logo.html">Ta
            </ul>
          </li>
          <li class="has-children"> <a href="#">Carousels</a>
            <ul>
              <li><a href="variable-width-slider.html">Variat
              <li><a href="variable-width-slider.html">Testimoni

```

Assignment 2 Report

ADVANCE TOPICS IN WEB DEVELOPMENT
(CSCI5709)

Abstract

PLEXTRA is a ticket booking platform for movies, events and sports in Canada. The application will allow users to book their tickets and reserve their preferred seats well in advance or last minute.

People around the city usually look out for events and movies through various sources. This product is unique as it will serve as a one-stop destination to browse and book tickets for all the listed services.

SITEMAP

For this assignment, 3 pages have been designed for 1 particular flow. The pages are:

1. Home Page (index.html)
2. Movies Page (movies.html)
3. Movie Selection Page (moviebook.html)

From the Home Page, on selection of the Movies tab on the navigation bar, or More movies button, it redirects the user to the Movies page, which will contain the list of movies according to recent, future and featured movies. On selection of a particular movie, in this case, clicking on the View tab on the movie poster of the movie 'Elysium' redirects the user to the next process, i.e., the Movie Selection Page. This page contains more details about the movies, such as the ratings, cast and crew, timings, trailer, etc.

A user can view list of movies, movie timings and movie statistics even before logging in to their registered account or signing up. It is only before they pay for the tickets, that we shall ask the user to log in. So the flow, will still be available in the final project.



Technology

CSS:

Bootstrap v3.3.7 – It is customizable and has predefined design templates and classes for easy and efficient use. It makes the website responsive and a lot of responsiveness in the website has been affiliated to bootstrap.

Font Awesome 4.7.0 – It is a collection of web related actions and scalable iconic graphics which are used for this project. It is also free for commercial use.

Owl Carousel v2.2.1 – It is a jQuery plugin for responsive carousel sliders. It has been used for the picture sliders in my project.

JS:

jquery.countTo – It is used for the counter to count to a specific number at a specific speed. Here it is used for counting the number of events, venues, provinces, etc.

jquery.stellar.min – This plugin has been used for background image parallax movement while scrolling down. This allows for aesthetically beautiful appearance while scrolling.

jquery.waypoints.min – This plugin allows for several functions which will later be used in the project. For now, it has been used to display headers when scrolled down to rise from below. It also allows the navbar to remain in position and in view elements.

MISCELLANEOUS:

The logo has been designed by myself using Spark Adobe. Many other similar websites and templates have been referred to while designing this webpage. These include Bookmyshow.com, The Coast, Several templates from Minimal, W3Schools, Colorlib, IMDB, Cineplex, etc. Some of the images have been downloaded from Pixabay and others from Flickr and Google which is properly referenced in the next section. Other plugins will be added to the final project further on. No database has been used for this project and all images have for now, been hardcoded. Later on, these images will be later retrieved from an external API or RSS feed. The particular fonts used match with the overall layout of the webpage and thus is a suitable selection. The images and graphics are a personal choice based on the nature of the pages. It adds color to the webpage.

References

- [1] Spark Adobe (2018). Retrieved from <https://spark.adobe.com/sp/>
- [2] Cineplex (2018). Retrieved from <https://www.cineplex.com/>
- [3] The Coast (2018). Retrieved from <https://www.thecoast.ca/>
- [4] BookMyShow (2018). Retrieved from <https://in.bookmyshow.com/>
- [5] Images from Pixabay. With no attribution required, from <https://pixabay.com/>
- [6] <http://www.qubyphotography.com/nightclubs/m5zz3loavyoniip1qyzcppeqhsz3b>
- [7] <https://journal.potatonet.info/falcon/>
- [8] <http://www.ghiasports.com/xxsj.aspx?dleixing=djiyariji&id=1651>
- [9] <https://stackoverflow.com/questions/13799888/put-a-star-notation-in-html>
- [10] <https://stackoverflow.com/questions/4861224/how-to-use-css-to-surround-a-number-with-a-circle>
- [11] Colorlib.com (2018). Retrieved from <https://colorlib.com/wp/themes/>
- [12] Bootstrap. <http://getbootstrap.com/docs/3.3/>
- [13] Font Awesome. <https://fontawesome.com/>
- [14] Owl Carousel. <https://owlcarousel2.github.io/OwlCarousel2/>
- [15] Stellar.js. <http://markdagleish.com/projects/stellar.js/>
- [16] Waypoints. <https://github.com/imakewebthings/waypoints>
- [17] Count To. <https://github.com/mhuggins/jquery-countTo>
- [18] W3layouts. <https://w3layouts.com/>
- [19] W3School. <https://www.w3schools.com/bootstrap4/>
- [20] Stack Overflow. <https://stackoverflow.com/>