**CSE 326 - INTERNET PROGRAMMING LABORATORY**

**PROJECT - WEBSITE DESIGN (SYNOPSIS)**

* **Project Title** : Online Train/Flight Reservation System.
* **Group Members** :

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| **Sr. No** | **Name** | **Roll no.** | **Registration No.** |
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* **Project Description** :

* Introduction : Our Group has been allotted Website Design project on Online Train Reservation System, which has to be implemented with coding in HTML, CSS and JavaScript. In the allotted project, our group members would be executing each portion of web page by the help of Different Tags and Attributes used in HTML, CSS and JavaScript algorithms.

Online Train reservation portals makes it easier to book or cancel tickets without consuming much time. They are convenient and saves efforts. Also they are medium to ensure every need of a passenger to complete his/her journey with comfort. They also provide options for booking meals and to check train status.

* Platform/Softwares used : Notepad
* Programming Languages Used :- HTML 5, CSS, JavaScript..
* References : Google (For Necessary images), Course Books(For implementing different tags and attributes).
* **Tags And Attributes used (In HTML Section of Webpage)**:

**Tags** :-

1. *<!DOCTYPE...>* : This tag defines the document type and HTML version.
2. *<html>* : This tag encloses the complete HTML document.
3. *<head>* : This tag represents the document's header which can keep other HTML tags like <title>, <link> etc.
4. *<title>* : The <title> tag is used inside the <head> tag to mention the document title.
5. *<body>* : This tag represents the document's body which keeps other HTML tags like <h1>, <div>, <p> etc.
6. *<h1>* : This tag represents the heading inserted in HTML document.
7. *<p>* : This tag is used for formatting text as paragraph content.
8. <b> : Bolds the text enclosed within this tag.
9. *<div>* : Containers used to label a page section or the placement of an element.
10. *<br>* : Anything following this tag starts from the next line.
11. *<hr>* : Horizontal lines are used to visually break-up sections of a document.
12. *<center>* : This tag is used to put any content in the center of the page or any table cell.
13. *<pre>* : This tag is used to preserve the formatting of the source document.
14. *<img />* : This tag is used to display image files.
15. *<ul>* : Bullet point list (Unordered list).
16. *<li>* : Specifies each item to be bulleted.
17. *<form>* : This tag is used to create a form in HTML script.
18. *<input />* : This tag shows what type of field information to receive from users.
19. *<table>* : These tags define all the content related to a table.
20. *<tr>* : Content within a single row in a table.
21. *<th>* : The data in a single header item.

**Attributes** :-

* **align** : Horizontally aligns tags.
* **bgcolor** : Places a background color behind an element.
* **width** : Specifies the width of tables, images, or table cells.
* **height** : Specifies the height of tables, images, or table cells.
* **src= ”url”** : The URL or file name of image being displayed.
* **border** : Species border thickness.
* **placeholder** : This attribute specifies a short hint that describes the expected value of an input field.

**Use Of CSS and JavaScript :-** In our web document we have used CSS and JavaScript for providing specific touch to every minor details. We have implemented CSS for adjustment of Background image (As per its behaviour with changing tab sizes, etc.), also we have used JavaScript for Sign Up condition depending on particular parameters like validating the password length with minimum character limits, validating correct e-mail address, etc.