

**Course Code: CSE3150**

**Course Title: Front End Full Stack Development**

## **Lab sheet 1 - Module 1**

### **Problem Statement:**

Mr. Kiran Student of Presidency University wants to create an attractive web page for Presidency University using HTML and CSS with following specifications.

- Split the web page into two parts using frames, top section 20% and bottom section 80%.
- Place your college logo at the top of the page with menu's (About, Academic, Admission, Facilities, etc). Create hyperlink for all menus.
- Create a web page about the college linked at the bottom of the frame.
- Create a web page about the Academic linked at the bottom of the frame.
- Create a web page about the admission, list out the departments, click any department name that connects to the registration page and apply the position concept in CSS.
- Create a web page about the Facilities, list out the college facilities and display the images using floating concepts in CSS.
- Create a web page about the login page linked at the bottom of the frame.

### **Solution**

#### **Home.html**

```
frameset rows="25%,*">
  <frame src="top.html" name="top">
  <frame src="bottom.html" noresize name="bottom" >
</frameset>
</frameset>
```

#### **Top.html**

```
<html>
<head>
  <link rel="stylesheet" href="mystyle.css">
  <style>
    * {
```

```
margin:0;
padding:0;
box-sizing: border-box;
}
body{
display: flex;
justify-content: center;
align-items: center;
height: 100vh;
background-color: #151925;
font-family: sans-serif;
font-weight: bold;
}
a
{
position: relative;
display: inline-block;
padding:25px 15px;
margin:20px 10px;
color: #03e9f4;
text-decoration: none;
text-transform: uppercase;
transition: 0.9s;
/* letter-spacing: 2px; */
overflow: hidden;
margin-right:20px;

}
a:hover
{
background: #03e9f4;
color: #050801;
box-shadow: 0 0 5px #03e9f4, 0 0 25px #03e9f4, 0 0 50px #03e9f4, 0 0 200px #03e9f4;
-webkit-box-reflect:below 1px linear-gradient(transparent, #0005);

}
a:nth-child(1)
{
filter:hue-rotate(270deg);
}
a:nth-child(2)
{
filter:hue-rotate(110deg);
}
```

```

a:nth-child(3)
{
    filter:hue-rotate(200deg);
}
a:nth-child(4)
{
    filter:hue-rotate(270deg);
}
a:nth-child(5)
{
    filter:hue-rotate(110deg);
}
a:nth-child(6)
{
    filter:hue-rotate(186deg);
}
a span
{
    position: absolute;
    display: block;
}
a span:nth-child(1)
{
    top: 0;
    left: 0;
    width: 100%;
    height: 2px;
    background: linear-gradient(90deg, transparent, #03e9f4);
    animation: animate1 1s linear infinite;
}
@keyframes animate1
{
    0% {left: -100%;}
    50%, 100% {left: 100%;}
}
a span:nth-child(2)
{
    top: -100%;
    right: 0;
    width: 2px;
    height: 100%;
    background: linear-gradient(180deg, transparent, #03e9f4);
    animation: animate2 1s linear infinite;
    animation-delay: 0.25s;
}

```

```

}
@keyframes animate2
{
  0%{top:-100%}
  50%, 100%{top:100%;}
}
a span:nth-child(3)
{
  bottom:0;
  right:0;
  width:100%;
  height:2px;
  background: linear-gradient(270deg, transparent,#03e9f4);
  animation: animate3 1s linear infinite;
  animation-delay: 0.5s;
}
@keyframes animate3
{
  0%{right:-100%}
  50%, 100%{right:100%;}
}
a span:nth-child(4)
{
  bottom:-100%;
  left:0;
  width:2px;
  height:100%;
  background: linear-gradient(360deg, transparent,#03e9f4);
  animation: animate4 1s linear infinite;
  animation-delay: 0.75s;
  /* border-radius:20px; */
}
@keyframes animate4
{
  0%{bottom:-100%}
  50%, 100%{bottom:100%;}
}

</style>
</head>
<body>
  <imgsrc="pulogo.png" alt="PU Logo" style="background-color:white; padding:10px;border-
radius: 10px; margin-top: 5px;margin-bottom: 5px; height:100px; border:3px solid lightgrey">

```

```
<a href="about.html" target="bottom">
  Home<span></span>
  <span></span>
  <span></span>
  <span></span>
</a>
<a href="academics.html" target="bottom">
  <span></span>
  <span></span>
  <span></span>
  <span></span>
  Academic
</a>
<a href="admission.html" target="bottom">
  <span></span>
  <span></span>
  <span></span>
  <span></span>
  Admissions
</a>
<a href="facilities.html" target="bottom">
  <span></span>
  <span></span>
  <span></span>
  <span></span>
  Facilities
</a>
<a href="login.html" target="bottom">
  <span></span>
  <span></span>
  <span></span>
  <span></span>
  Login
</a>
<a href="Register.html" target="bottom">
  <span></span>
  <span></span>
  <span></span>
  <span></span>
  Register
</a>
</body>
</html>
```

### **About.html**

```
<html>
  <head>
    <style>
      body
      {
        background-color: rgb(193, 193, 189);
      }
    </style>
  </head>
  <body>
    <h1> Over View</h1>
    <p><b>About the University</b></p>
    <imgsrc="pu.jpg">
  </body>
</html>
```

### **Academics.html**

```
<html>
<body>

  <h1 style="text-align:center"> WELCOME<br> TO <br>PRESIDENCY UNIVERSITY
</h1>

  </body>
</html>
```

### **Admission.html**

```
<html>
<head>
  <link rel="stylesheet" href="mystyle.css">
  <style>
    body
    {
      background-color: rgba(189, 189, 188, 0.79);
    }
    .static
    {
      position:sticky;
      top:0;
      right:0;
    }
  </style>
</head>
<body>
```

```

display: inline;
float: right;
font-size:25px;
border-radius: 15px;
padding:10px;
background-color: aliceblue;
box-shadow: 0 0 25px black;
}
li
{
list-style: none;
margin:8px 5px;
}
a
{
text-decoration: none;
color:rgb(50, 53, 51);
}
li:hover
{
border:2px solid black;
display:inline-block;
padding:8px;
color: azure;
border-radius: 20px;
background-color:rgb(37, 38, 43);
}
h1
{
/* border:2px solid black; */
display: inline-block;
padding:5px;
color:darkslateblue;
text-shadow: 2px 1px 2px rgb(120, 127, 131);
}

</style>
</head>
<body>
<div class="static">
<a href="register.html"> For Admission Click Here</a></div>
<h1 >Admissions Open </h1>
<ul>
<a href="register.html"><li>School of Engineering</li></a>
<a href="register.html"><li>School of Law</li></a>
<a href="register.html"><li>School of Management</li></a>
<a href="register.html"><li>School of Commerce</li></a>
<a href="register.html"><li>School of Design</li></a>
</ul>
</body>

```

</html>

### **Facilities.html**

```
<html>
<head>
  <title>Facilities</title>
  <style>
    body
    {
      background-color: rgb(211, 215, 211);
    }
    img
    {
      float:right;
      height:200px;
      width:350px;
      border-radius: 20px;
      margin:110px 19px;
    }
    p
    {

      margin:29px 23px;
      font-size: 24px;
      width:750px;
      text-align: justify;
    }
    h1
    {
      font-family:'Courier New', Courier, monospace;
      font-size:30px;
      margin:25px 203px;
      border:2px solid black;
      display: inline-block;
      padding:5px;
      border-radius: 15px;
      background-color: lightgray;
    }
    #a2
    {
      float: left;
      margin:160px 10px;
    }
    #P2
    {
      /* border:2px solid black; */
      margin:10px 370px;
      width:650px;
    }
  </style>
</head>
<body>
```



```

#h2
{
margin:10px 10px;
}
</style>
</head>
<body>

<imgsrc="Library.jpg" alt="Library" class="image" id="a1">
<h1>Library</h1>
<p>
The Presidency University reference and lending library is well-stocked with a vast collection of
books, reports, journals and periodicals. The library also provides access to the best of business and
management-related digital resources through its subscription to various databases consisting of
scholarly and industry-relevant content. Students utilize these services for their classroom-related
work and for further research into their areas of interest.
</p>

<imgsrc="classroom.jpg" alt="Library" class="image" id="a2">
<h1 #id="H2">Classrooms</h1>
<p id="P2">
The Presidency University reference and lending library is well-stocked with a vast collection of
books, reports, journals and periodicals. The library also provides access to the best of business and
management-related digital resources through its subscription to various databases consisting of
scholarly and industry-relevant content. Students utilize these services for their classroom-related
work and for further research into their areas of interest.
</p>

<imgsrc="classroom.jpg" alt="Library" class="image" id="a1">
<h1>Library</h1>
<p>
The Presidency University reference and lending library is well-stocked with a vast collection of
books, reports, journals and periodicals. The library also provides access to the best of business and
management-related digital resources through its subscription to various databases consisting of
scholarly and industry-relevant content. Students utilize these services for their classroom-related
work and for further research into their areas of interest.
</p>

<imgsrc="classroom.jpg" alt="Library" class="image" id="a2">
<h1 #id="H2">Classrooms</h1>
<p id="P2">
The Presidency University reference and lending library is well-stocked with a vast collection of
books, reports, journals and periodicals. The library also provides access to the best of business and
management-related digital resources through its subscription to various databases consisting of
scholarly and industry-relevant content. Students utilize these services for their classroom-related
work and for further research into their areas of interest.
</p>
</body>
</html>

```

## Login.html

```
<html>
<head>

  <title>Login_Page</title>
</head>
<body>
  <h1 >
    Login Page - // code here
  </h1>
</body>
</html>
```

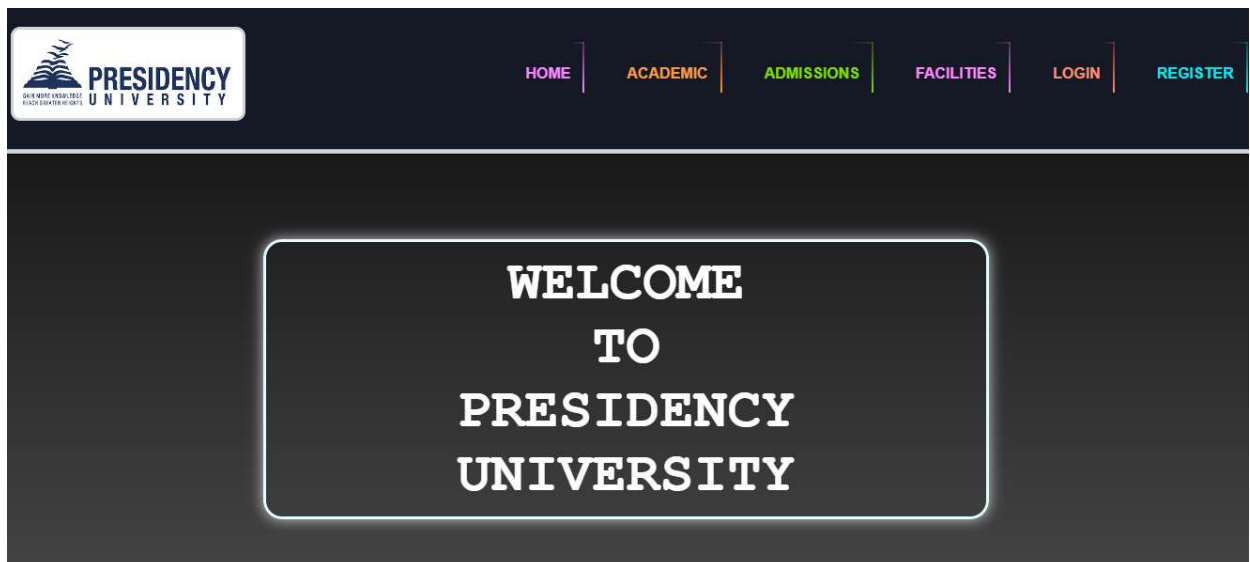
## Registration .html

```
<html>
<head>


  <title>Login_Page</title>
</head>
<body>
  <h1 >
    RegistrationPage - // code here
  </h1>
</body>
</html>
```

## **Output:**

Home page:



## Admission page



[HOME](#)[ACADEMIC](#)[ADMISSIONS](#)[FACILITIES](#)[LOGIN](#)[REGISTER](#)

Admissions Open

For Admission Click Here

School of Engineering

School of Law


School of Management

School of Commerce

School of Design

School of Engineering


## Facilities Page




[HOME](#)[ACADEMIC](#)[ADMISSIONS](#)[FACILITIES](#)[LOGIN](#)[REGISTER](#)

Library

The Presidency University reference and lending library is well-stocked with a vast collection of books, reports, journals and periodicals. The library also provides access to the best of business and management-related digital resources through its subscription to various databases consisting of scholarly and industry-relevant content. Students utilize these services for their classroom-related work and for further research into their areas of interest.



## Login page



[HOME](#)[ACADEMIC](#)[ADMISSIONS](#)[FACILITIES](#)[LOGIN](#)[REGISTER](#)

Login

Name:

Enter Name:


Password:

Password

Submit

Register

## Registration page



[HOME](#)[ACADEMIC](#)[ADMISSIONS](#)[FACILITIES](#)[LOGIN](#)[REGISTER](#)

**Student Registration Form**

First Name:

Enter your first name

Last Name:

Enter your last name

Email:

it should contain @.

Mobile:

only 10 digits are allowed

Gender:

☐ Male ☐ Female

Date Of Birth:

dd - mm - yyyy

Address: