



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Principles of Cloud Computing
CSE3035

Lab Assignment 2-
Creating an Application on Salesforce

Slot : L11+L12

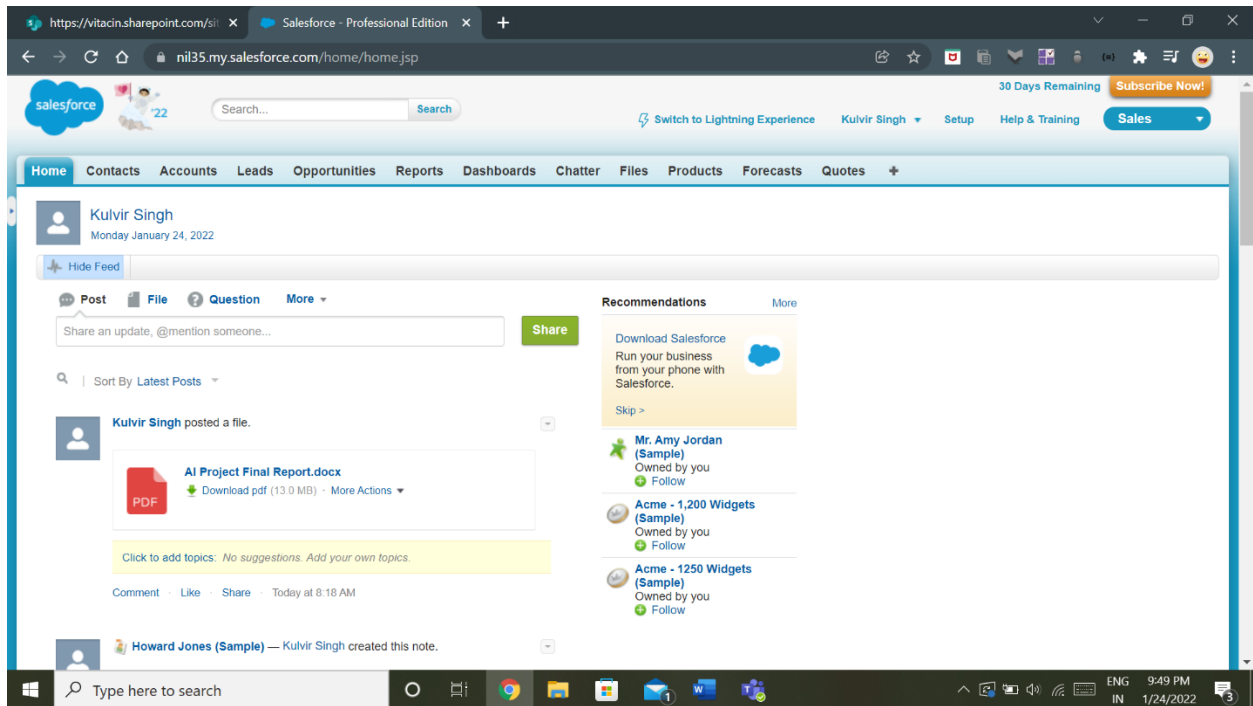
Name : Kulvir Singh

Register Number : 19BCE2074

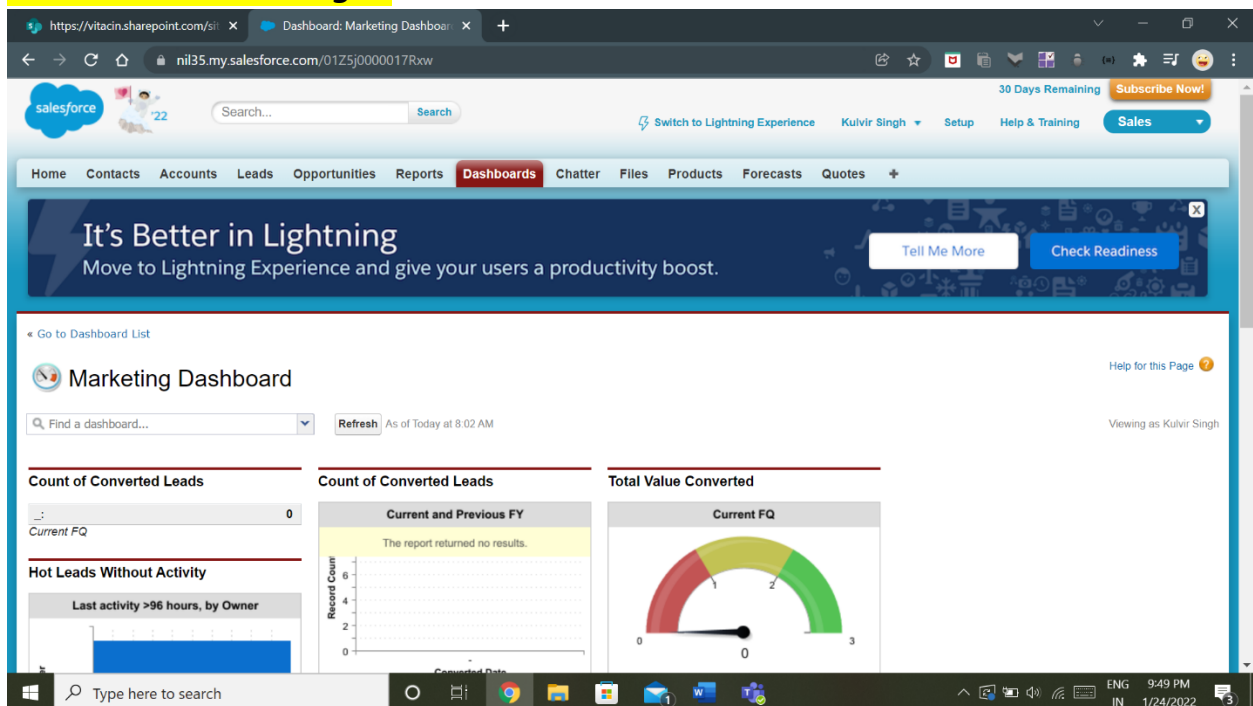
Salesforce App Dashboard –

I have created an application in Salesforce and these are the Screenshots :

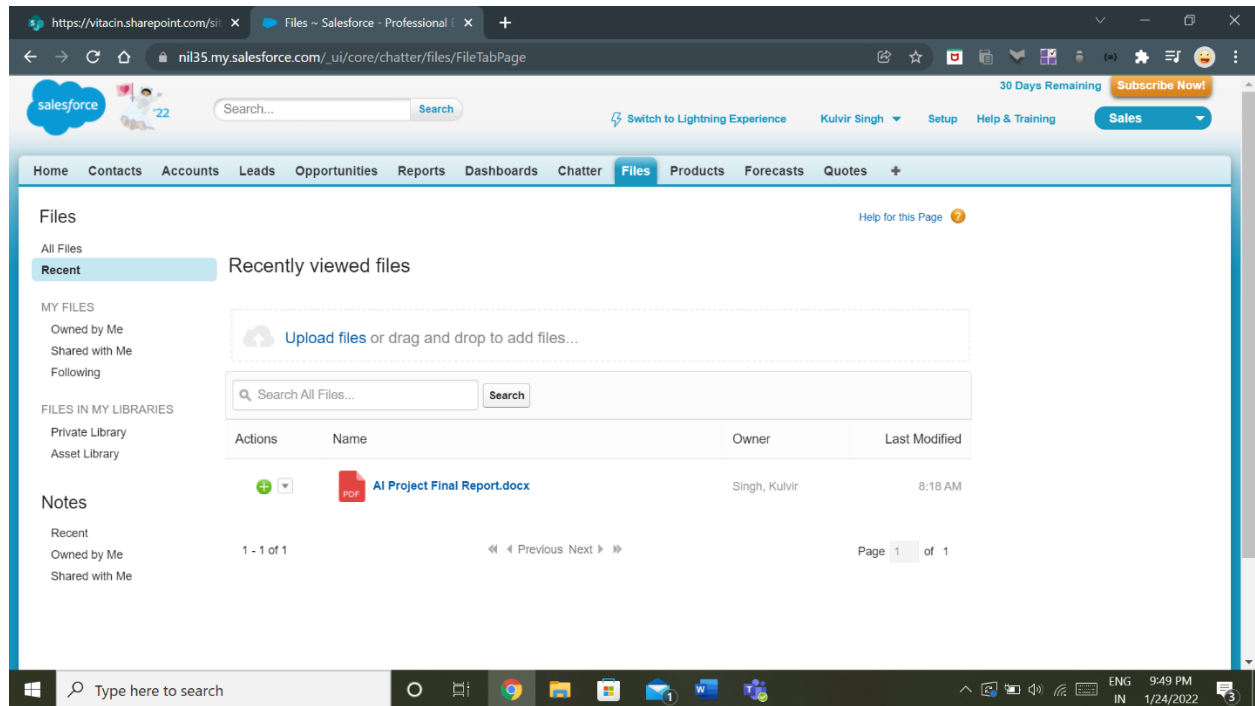
Home Page



Dashboards Chart Page -



Files -



Visualforce Pages -

Visualforce pages are webpages that belong to Salesforce. These webpages are created using a unique tag-based Mark-up language. It is similar to HTML but its primary use is to access, display and update the organization's data. The page is accessed by using a URL similar to that of a traditional webserver page.

Each tag in visual force language corresponds to some user interface component like section of a page, a list view or a field of an object. Interestingly, it can be easily mixed up with HTML markup, CSS style and Java libraries, etc.

I have created 2 visualforce pages : table and system



Visualforce Pages

Visualforce Pages provide a robust and easy to use mechanism to create new and exciting user experiences for your application or to enhance existing applications to optimize your users' productivity.

Action	Label	Name	Namespace Prefix	Developer Console	New	Created Date	Last Modified By Alias	Last Modified Date
Edit Del Security	system	system		53.0	KSing	1/24/2022, 8:09 AM	KSing	1/24/2022, 8:15 AM
Edit Del Security	table	table		53.0	KSing	1/24/2022, 8:14 AM	KSing	1/24/2022, 8:14 AM

Table Page :

Visualforce Page: table ~ x Salesforce - Professional ~ x Salesforce - Professional ~ x Salesforce - Professional ~ x +

Quick Find / Search...  

[Expand All](#) | [Collapse All](#)

Salesforce Mobile Quick Start

Home

Administrator


- Release Updates
- Manage Users
- Manage Apps
- Company Profile
- Data Classification
- Security Controls
- Domain Management
- Communication Templates
- Translation Workbench
- Data Management
- Mobile Administration
- Desktop Administration
- Outlook Integration and Sync
- Gmail Integration and Sync
- Email Administration
- Google Apps
- Analytics

Build

- Customize
- Create

Visualforce Page: table ~ x

Visualforce Page: table

Help for this Page 

Page Detail

[Edit](#) [Delete](#) [Clone](#) [Where is this used?](#) [Show Dependencies](#) [Preview](#)

Label	table	Name	table
Namespace Prefix		Available for Lightning Experience, Experience Builder sites, and the mobile app	✓
Require CSRF protection on GET requests	<input type="checkbox"/>	Description	
		Created By	Kulvir Singh, 1/24/2022, 8:14 AM
Last Modified By	Kulvir Singh, 1/24/2022, 8:14 AM		

Visualforce Markup **Version Settings**

```
<apex:page>
<!-- Begin Default Content REMOVE THIS -->
<h1>Congratulations</h1>
This is a model table
<table border="1" style="text-align: center; color: blue; width: 50%;
cellpadding="1" cellspacing="5">
<tr>
<td bgcolor="green">d1</td>
<td colspan="4" rowspan="3">d1</td>
<td>d1</td>
<td>d1</td>
</tr>
<tr>
<td bgcolor="green">d2</td>
<td>d2</td>
<td>d2</td>
<td>d2</td>
</tr>
<tr>
<td bgcolor="green">d3</td>
<td>d3</td>
<td colspan="2" rowspan="2" align="right">d3</td>
</tr>
<tr>
<td colspan="2" rowspan="2" align="right">d4</td>
</tr>
```

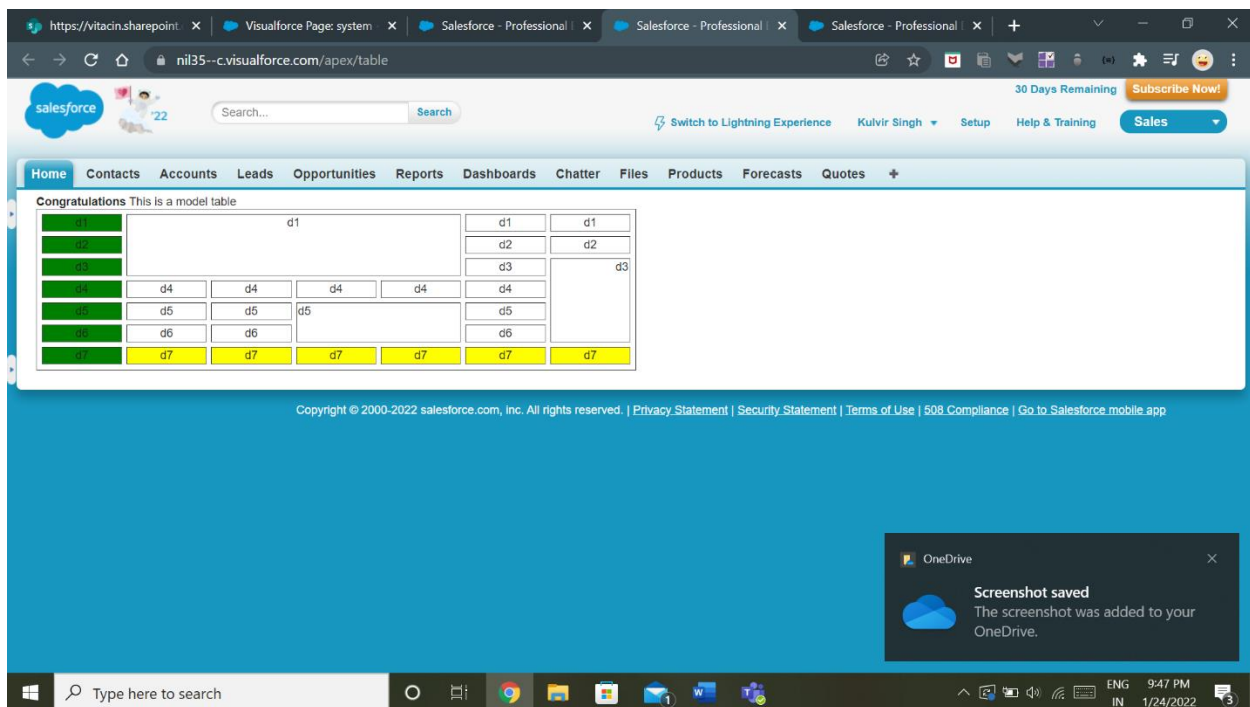
OneDrive

Screenshot saved

The screenshot was added to your OneDrive.

ENG 9:48 PM 1/24/2022

Screenshot of Output :



Source Code :

<apex:page >

<!-- Begin Default Content REMOVE THIS -->

<h1>Congratulations</h1>

This is a model table

<table border="1" style="text-align: center; color: blue; width: 50%;"
cellpadding="1" cellspacing="5">

<tr>

<td bgcolor="green">d1</td>

<td colspan="4" rowspan="3">d1</td>

<td>d1</td>

<td>d1</td>

</tr>

<tr>

<td bgcolor="green">d2</td>

<td>d2</td>

<td>d2</td>

</tr>

<tr>

<td bgcolor="green">d3</td>

```

        <td>d3</td>
        <td rowspan="4" align="right">d3</td>
    </tr>
    <tr>
        <td bgcolor="green">d4</td>
        <td>d4</td>
        <td>d4</td>
        <td>d4</td>
        <td>d4</td>
        <td>d4</td>
    </tr>
    <tr>
        <td bgcolor="green">d5</td>
        <td>d5</td>
        <td>d5</td>
        <td rowspan="2" colspan="2" valign="top" align="left">d5</td>
        <td>d5</td>
    </tr>
    <tr>
        <td bgcolor="green">d6</td>
        <td>d6</td>
        <td>d6</td>
        <td>d6</td>
    </tr>
    <tr bgcolor="yellow">
        <td bgcolor="green">d7</td>
        <td>d7</td>
        <td>d7</td>
        <td>d7</td>
        <td>d7</td>
        <td>d7</td>
    </tr>
</table>
<!-- End Default Content REMOVE THIS -->
</apex:page>

```

System Page :

The screenshot shows the Salesforce Visualforce Page editor. The left sidebar contains navigation links for 'Salesforce Mobile Quick Start', 'Home', and 'Administer' (with sub-links like Release Updates, Manage Users, etc.). The main area is titled 'Page Detail' and shows the page's metadata, including its name 'system', namespace prefix, and creation details by 'Kulvir Singh' on 1/24/2022. Below this, the 'Visualforce Markup' tab is active, displaying the Apex code for the page. The code includes a welcome message and two columns of content: 'My Details' (a paragraph about a student) and 'Family Details' (a list of family members and professions).

```
<apex:page>  
<!-- Begin Default Content REMOVE THIS -->  
<h1>Welcome to my webpage</h1>  
<body>  
  <div style="background-color: rgba(66, 3, 3, 0.986); text-align: center;  
    font-family: Arial, Helvetica, sans-serif; color: aliceblue;">  
    <h1>Kulvir Singh</h1>  
  </div>  
  <div style="float: left; width: 33%; height: 280px;  
    background-color: rgb(129, 129, 252); font-family: monospace;  
    color: rgb(0, 0, 0);">  
    <h2>My Details</h2>  
    An ardent and lively student with noteworthy academic record and skillset looking for a career to utilize the knowledge and to  
    the limits every time to bring out his best self in an organization.  
  </div>  
  <div style="float: left; width: 33%; height: 280px; text-align: center;  
    background-color: rgb(235, 123, 123); font-family: monospace;  
    color: rgb(0, 0, 0);">  
    <h2>Family Details</h2>  
    Fathers Name : Jagjit Singh  
    <br><br>  
    Mothers Name : Amrit Kaur  
    <br><br>  
    Fathers Profession : Chief Logistics <br><br>  
    Mothers Profession : Teacher  
  </div>  
</body>  
</apex:page>
```

Screenshot of Output :

The screenshot shows the rendered output of the Visualforce page. The page has a blue header with the Salesforce logo, a search bar, and navigation links. The main content area is divided into three columns: 'My Details' (a paragraph about a student), 'Family Details' (a list of family members and professions), and 'Books Read' (a list of books). The page is titled 'Welcome to my webpage' and 'Kulvir Singh'. The footer contains copyright information and links to privacy and security statements.

Copyright © 2000-2022 salesforce.com, inc. All rights reserved. | [Privacy Statement](#) | [Security Statement](#) | [Terms of Use](#) | [508 Compliance](#) | [Go to Salesforce mobile app](#)

Source Code :

```
<apex:page >
<!-- Begin Default Content REMOVE THIS -->
<h1>Welcome to my webpage</h1>
<body>
  <div style="background-color: rgba(66, 3, 3, 0.986); text-align: center;
font-family: Arial, Helvetica, sans-serif; color: aliceblue;">
    <h1>Kulvir Singh</h1>
  </div>
  <div style="float: left; width: 33%; height: 280px;
background-color: rgb(129, 129, 252);font-family: monospace;
color: rgb(0, 0, 0);">
    <h2>My Details</h2>
    An ardent and lively student with noteworthy academic record and skillset looking for a career to
utilize the knowledge and to push
    the limits every time to bring out his best self in an organization.
  </div>
  <div style="float: left; width: 33%; height: 280px; text-align: center;
background-color: rgb(235, 123, 123);font-family: monospace;
color: rgb(0, 0, 0);">
    <h2>Family Details</h2>
    Fathers Name : Jagjit Singh
    <br></br>
    Mothers Name : Amrit Kaur
    <br></br>
    Fathers Profession : Chief Logistics <br></br>
    Mothers Profession : Teacher
  </div>
  <div style="float: right; width: 34%; height: 280px;
background-color: rgb(117, 207, 117);font-family: monospace;
color: rgb(0, 0, 0);">
    <h2>Books Read</h2>
    <li style="padding: 5px;">
      Autobiography of Cristiano Ronaldo
    </li>
    <li style="padding: 5px;">
      Da Vinci Code
    </li>
    <li style="padding: 5px;">
      Inferno
    </li>
  </div>
```



```
<div style="background-color: rgb(210, 224, 125);font-family: monospace; text-align: center;
color: rgb(0, 0, 0);">
  <h2 >Socials</h2>
  <a href="https://linkedin.com/in/kulvir-singh-306502196">Linkedin</a>
  <a href="https://github.com/kulvir06">GitHub</a>
</div>
</body>
<!-- End Default Content REMOVE THIS -->
</apex:page>
```