Assignment - 4

**Title:** Design and develop custom application using salesforce cloud.

**Aim:** To design and develop a custom application using salesforce cloud.

**Pre-requiside:-** This practical assignment requires a salesforce account, a trailhead account. Also we should have a basic knowledge on salesforce such as understanding the salesforce datamodel, objects, etc. Basic knowledge about lighting experience as many custom application are buit using lightning components.

**Objectives:-**

- To learn salesforce cloud administration.
- To install and configure the salesforce cloud administration features.

**Theory:**

Salesforce.com is an amazon cloud based software company headquatered in Sanfransisco. Salesforce also tells a complementary suite of enterprise application based on custom service, marketing automation analysis and application development.

## Lightning Platform :-

It is a platform as a service that allows developers to create add on applications that integrate into the main salesforce app. thus third party app are hosted on salesforce.com infrastructure force.com application built using declarative tools, backed by lightning and apex and visual force.

## Community Cloud :-

It provides salesforce customers the ability to create online web properties for external collaboration, customer properties channel sales and other customer portals.
their instance of salesforce lightly integrated to sales cloud service cloud and app cloud.

## Steps and stages for custom app development.

1. Go to settings in top right corner and select 'setup'
2. Go to platform tools and search for apps and select 'App Manager' and then click on 'new lightning app'.
3. Enter the app name and student app mage and click on select navigation and click next.
4. Select utility items for 'Home' and select it and click next.
5. In user profile, select system administrator and save and finish.

6. Go to setup and create custom object, enter all the detail and select all optional features and select allow search and launch new custom tab.

7. Select airplane and click on next → select datatype as text and next → enter all detail → save

8. Search for student app and click on it to add rewards and save.

9. Create a custom object go to setup → create → custom object → enter detail.

10. Go to field → new → number → next → Enter detail

11. To modify the view:

   a. Go to setup and click on 'object manager' click on student data and then click on search layout and see for default layout.

   b. Go to setup and click on 'object Manager' click on marks and then click on search layouts and save.

12. To create profile:

   a. Go to setup and search for user & click on profile.

   b. Click on new

   c. Enter details Force.com save and edit.

   d.

In this application, I have created a student with their details.

1) Student Name:
   - Consists of name of students
   - This is a mandatory field.

2) Student Roll no:
   - Consist of roll no. of students
   - This is a mandatory field.

3) Student Department:
   - Consist of data related to student department.

This application is made up of the above three field.

* Create custom apps for salesforce classic:

1) from setup, enter apps in quick find box, then select apps.

2) Click on 'New'.

3) If the salesforce console is available, select whether you want to define a custom app or salesforce console.

4) Give app name and description have a min of 40 charactus.

5) Brand your app by logo.

6) Select which items to include in app

7) Set default landing tab, to app using default landing tab drop-down menu below list of selected tabs.

8) Choose the profile the app will be visible to.

9. Check the default box to set the app as that profile default app, meaning that new user with profile app, first time they log in, profiles with limits are excluded from list.

10. Click 'Save'.

Difference betn custom application and console application in salesforce:

- A custom app is collection of tabs, objects etc that functions together to solve a particular problem.

- A console app uses a specific salesforce is the console. console app are intended to enhance productivity by allowing everything to be done from single server.

Benefits:-

- Personalization of sales process
- Accurate forecasting
- Shorten the sales cycle
- Flexiblity
- Boost productivity

Outcomes!

- I have learnt how to administrate cloud salesforce.
- I have successfully installed and configured the salesforce cloud infrastructure features.

Conclusion:
Thus, I have designed and developed custom application using salesforce cloud.