Lightning Training – 23Feb2022

Lightning Quick Actions:

Developer can create Quick Action from custom lightning component

Quick Actions are shortcuts to execute functionality from a Object or from Global Header of Salesforce

Ex: Log a Call, Send Email, Create Task etc..

Quick Actions are classified into 2 types

1. Object Specific Quick Action – bound to single object
2. Global Actions – actions can be executed irrespective of Objects or Applications

Lightning components are used for preparing “Global Actions” which can be launched across any application in the platform.

Framework provides interface: force:lightningQuickAction

Standard Button Overriding

Developers can have custom lightning components which can override Standard Buttons of Salesforce Objects to perform custom used experience to the end-users.

Standard Buttons like NEW, EDIT, DELETE, CLONE can be overridden for Desktop and Mobile platforms using custom Lightning components.

Framework provides interface : lightning:actionOverride

Digital Experience Pages (formally called as “Communities”)

Developer can create Digital experience Sites and load custom lightning components for designing of pages inside Experience Sites.

Public facing Digital sites can be customized using custom lightning components to display Client specific User Experience for end users

Framework provides interface : forceCommunity:availableForAllPageTypes

**Case Study for usage of lightning components in Salesforce Applications**

AW computing is company for which Training Org has been created for practice.

Recruiting application deals with Hiring process for Open Positions in the company

Certification application for handling certifications for internal employees in the company (Trainings)

Task of Case study:

Convert any of above custom applications into “Lightning Single Page Application” which should be launched from Desktop and Mobile for end users.

**Recruiting Application**

This application is made up of 3 primary objects

1. Position\_\_c
2. Candidate\_\_c / Applicant\_\_c
3. Job\_Application\_\_c

Position\_\_c

* Name
* Status\_\_c
* Job\_Description\_\_c

Candidate\_\_c

* First\_Name\_\_c
* Last\_Name\_\_c
* Email\_\_c

Job\_Application\_\_c

* Position\_\_r
* Candidate\_\_r
* Status\_\_c
* Stage\_\_c

**Requirements of the Case Study**

R1) Create a lightning application for “Recruitment-Mobile” which should be accessed from Desktop and Mobile of Salesforce platforms.

Solution : Lightning App Manager tool.

R2) Create a lightning tab with custom component that should display all the recruiting objects what HR can work from a single screen.

Hint: prepare TAB based UI where HR can switch between TABS for handling data

Note: User experience of the TABS should be different for Desktop View and Mobile View of the application.

TABS to be created are

* Home ---- which displays RECRUITMENT Home for Intro
* Info – should show Positions and Candidates to the end user
* Application -- that should allow HR to deal with Job Applications on the GO.

Solution : Custom Lightning component which need to published as “Lightning TAB” in application.

* lightning:tabset & lightning: tab
* $Browser.formFactor to represent UI in different devices (PHONE, TABLET, DESKTOP)

R3) Create a custom lightning component for embedding in the “Home” tab of Mobile Application and apply event handling for displaying recruitment related information on the page.

Solution : custom lightning component with Logo and events to represent UI.

Hint : embedded component works as CHILD component in the relationship modal.

(HAS – A relationship)

R4) Create a custom component for “Info” tab with two buttons for showing “Positions” and “Candidates” from Hiring process of the company.

As the end-user click on the button, respective records from the Objects need to be displayed in the body of the component.

Solution : custom component for data handling