PAGE

<!-- Author Simi Tresa Antony -->

<apex:page controller="SearchOpportunity">

<apex:slds />

<div class="slds-scope">

<apex:pageBlock title="Look Up Opportunity by Product Name">

<apex:pageMessages />

<apex:form >

<label>Enter product name : </label>

<apex:inputText value="{!searchTerm}"/> <!--required="true"-->

<apex:commandButton action="{!searchOpp}" value="search" id="searchBtn"/>

</apex:form>

</apex:pageBlock>

<!-- use fieldsets---->

<apex:outputPanel id="OpptyDisplay" rendered="{!hasLineItems}">

<!--- Todo use fieldsets------>

<apex:pageBlock title="Results">

<apex:pageBlockTable value="{!lineItems}" var="eachItem">

<apex:column >

<apex:facet name="header">Name</apex:facet>

<a href="/{!eachItem.id}" target="\_blank"> {!eachItem.name}</a>

</apex:column>

<apex:column >

<apex:facet name="header">Amount</apex:facet>

{!eachItem.amount}

</apex:column>

<apex:column >

<apex:facet name="header">Stage Name</apex:facet>

{!eachItem.StageName}

</apex:column>

<apex:column >

<apex:facet name="header">Main Product</apex:facet>

{!eachItem.Main\_Product\_\_c}

</apex:column>

</apex:pageBlockTable>

</apex:pageBlock>

</apex:outputPanel>

</div>

</apex:page>

CONTROLLER  
/\*

\* Author Simi Tresa Antony \*

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public class SearchOpportunity {

public String searchTerm {get;set;}

public Boolean hasLineItems {get;set;}

public List<Opportunity> lineItems {get;set;}

public String searchInput;

public SearchOpportunity(){

hasLineItems = false;

}

public Pagereference searchOpp(){

//---Assuming they are searching with part of product name

String searchInput = searchTerm.toLowerCase().trim();

Map<Id,opportunity> oppList = new Map<Id,opportunity>();

//---- Assuming strict search using complete product name -----------//

if(searchInput !=''){

//--------- Search for the products in line items to find matching opportunity and product ------//

List<OpportunityLineItem> querylineItems = [select opportunity.id,opportunity.name,opportunity.amount,

opportunity.stagename, opportunity.main\_product\_\_c

from OpportunityLineItem

where product2.name = :searchInput];

//------The previous step has duplicates, trying to remove duplicate opportunities----------//

for(OpportunityLineItem eachItem : querylineItems){

oppList.put(eachItem.opportunity.id,new Opportunity(id = eachItem.opportunity.id,

name=eachItem.opportunity.name,

amount=eachItem.opportunity.amount,

stagename = eachItem.opportunity.stageName,

main\_product\_\_c = eachItem.opportunity.main\_product\_\_c));

}

lineItems = oppList.values();

hasLineItems = lineItems.size() > 0 ? true : false;

if(!hasLineItems){

ApexPages.addMessage(new ApexPages.Message(ApexPages.severity.ERROR,

'No Opportunities found with this Product name '));

}else {

ApexPages.addMessage(new ApexPages.Message(ApexPages.severity.INFO,

'Success!!!!, Found ' + lineItems.size() + ' opportunities using product '+ searchInput));

}

}else{

ApexPages.addMessage(new ApexPages.Message(ApexPages.severity.ERROR,

'Please enter a product name '));

}

return null;

}

}

//--- Todos based on time

// 1. escape singlequotes

// 2. quering with fieldset / describe

TRIGGER