Scenarios Based on AJANx Function

Scenario based on Action Poller

```
public class actionpoller1
{
   public datetime dth{get;set;}

   public void changetime()
   {
      dth=system.now();
   }
}
```

```
<apex:page controller="actionpoller1" >
<apex:form>


   <apex:pageblock id="pb1" title="time interval">


      <apex:actionpoller action="{!changetime}" interval="5" rerender="pb1"/>
      <h1 style="color:blue">
         current date and time in intervals:--:{!dth}


      </h1>


      </apex:pageblock>


   </apex:form>
```

```
</apex:page>
```

Scenario 9: Scenario on Action Region

A)

```
public class regionaction1
{
    public account acc{get;set;}
    public boolean showphone{get;set;}

    public regionaction1()
    {
        acc=new account();
```

```
        showphone=false;

    }

    public void priority_chng()

    {

        if(acc.CustomerPriority__c=='High')

        {

            showphone=true;

        }

        else

        {

            showphone=false;

        }

        //return null;

    }


}



<apex:page controller="regionaction1" tabstyle="Account" >

    <apex:form>

    <apex:pageblock id="pb1" title="Account information">

        <apex:pageblocksection title="If you will select customer priority as high then phone
textbox will show">

        <apex:pageblocksectionitem >

            <apex:outputlabel value="{!$objecttype.account.fields.customerpriority__c.label}"
for="priority">

            <apex:inputfield value="{!acc.customerpriority__c}" id="priority">

                <apex:actionsupport action="{!priority_chng}" rerender="pb1" event="onchange"/>

                    </apex:inputfield>

            </apex:outputlabel>

                    </apex:pageblocksectionitem>
```

```
            <apex:inputfield value="{!acc.phone}" rendered="{!showphone}"/>
        </apex:pageblocksection>
        <apex:pageblocksection  title="Other Account Details" collapsible="false">


            <apex:inputfield value="{!acc.Name}"/>
            <apex:inputfield value="{!acc.rating}"/>
            <apex:inputfield value="{!acc.Type}"/>


        </apex:pageblocksection>


        </apex:pageblock>



    </apex:form>


</apex:page>
```

……….

B)

After inserting Action Region

```
<apex:page controller="regionaction1" tabstyle="Account" >
    <apex:form>
    <apex:pageblock id="pb1" title="Account information">
        <apex:pageblocksection title="If you will select customer priority as high then phone
textbox will show">
        <apex:pageblocksectionitem >
            <apex:outputlabel value="{!$objecttype.account.fields.customerpriority__c.label}"
for="priority">
                <apex:actionregion>
```

```
                <apex:inputfield value="{!acc.customerpriority__c}" id="priority">

                    <apex:actionsupport action="{!priority_chng}" rerender="pb1" event="onchange"/>

                        </apex:inputfield>

                    </apex:actionregion>

                </apex:outputlabel>

                        </apex:pageblocksectionitem>




                <apex:inputfield value="{!acc.phone}" rendered="{!showphone}"/>

            </apex:pageblocksection>

            <apex:pageblocksection  title="Other Account Details" collapsible="false">


                <apex:inputfield value="{!acc.Name}"/>

                <apex:inputfield value="{!acc.rating}"/>

                <apex:inputfield value="{!acc.Type}"/>


            </apex:pageblocksection>


        </apex:pageblock>



    </apex:form>


</apex:page>
```

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Scenario10

Scenario10: Scenario Based on Action Function

public class actionfunction1

```
{
    public string fname{get;set;}
    public string lname{get;set;}
    public string email{get;set;}

    public pagereference save()
    {
        contact con=new contact();
        con.firstname=fname;
        con.lastname=lname;
        con.email=email;
        insert con;
        pagereference pr1=new pagereference('/'+con.id);
        return pr1;

    }

}
<apex:page controller="actionfunction1">
    <script type="text/javascript">
    function validate()
    {

        if(document.getElementById("{!$Component.form1.pb1.ip1}").value=='')
          {
          alert('Please enter firstname');
          }

    else
        {
```

```
            callmethod();

        }


    }
     </script>
    <apex:form id="form1">
    <apex:pageblock title="contact information" id="pb1">


        Enter contact First Name:<apex:Inputtext value="{!fname}" id="ip1"/><br/>
        Enter contact Last Name:<apex:Inputtext value="{!lname}"/><br/>
         Enter contact email:<apex:Inputtext value="{!email}"/><br/>
            <apex:commandbutton value="Save a record" onclick="validate(); return false;"/>
        <apex:actionfunction name="callmethod" action="{!save}"/>




    </apex:pageblock>



    </apex:form>
</apex:page>
```

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Scenario 11: Based on Extension Controller

public class accountdis

{

```apex
    public list<account> getaccounts()
    {
        list<account> acclist=[select name,type ,industry from account];
        return acclist;
    }
}
public class contactdisp
{
    public list<contact> conlist{get;set;}

    public contactdisp(accountdis act)
    {
        conlist=[select id,firstname,lastname,email from contact];
    }


}
```

```xml
<apex:page controller="accountdis" extensions="contactdisp" >
    <apex:pageblock Title="Account Details">
    <apex:pageblocksection title="Account Info">
        <apex:pageblocktable value="{!accounts}" var="a">
            <apex:column headerValue="Account NAME" value="{!a.name}"/>
            <apex:column headerValue="Account type" value="{!a.type}"/>
            <apex:column headerValue="Account industrt" value="{!a.Industry}"/>

        </apex:pageblocktable>

    </apex:pageblocksection>
```

```
    </apex:pageblock>

     <apex:pageblock Title="Contact Details">

    <apex:pageblocksection title="Account Info">

       <apex:pageblocktable value="{!conlist}" var="c">

          <apex:column headerValue="First NAME" value="{!c.FirstName}"/>

          <apex:column headerValue="Last NAme" value="{!c.Lastname}"/>

          <apex:column headerValue="EMail information" value="{!c.Email}"/>


          </apex:pageblocktable>



          </apex:pageblocksection>




    </apex:pageblock>

</apex:page>
```

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Scenario 12: We are displaying list of accounts with a checkbox. End user can select account and then click on Show Selected accounts button. Then selected account will be displayed in table.


```
public class newclass

{

 public List<cAccount> accList {get; set;}

 public List<Account> selectedAccounts{get; set;}
```

```
//Adding the Records to inner class and to get the values for page block table.
  public List<cAccount> getAccounts(){
      if(accList == null){
         accList = new List<cAccount>();
         for(Account acc : [select Id, Name, Phone from Account limit 25]){
             accList.add(new cAccount(acc));
         }
       }
      return accList;
   }
//on button click it will show the list of records what we have selected.
  public PageReference processSelected(){
      selectedAccounts= new List<Account>();
      for(cAccount cCon : getAccounts()) {
         if(cCon.selected == true){
            selectedAccounts.add(cCon.con);
         }
      }
      return null;
   }
  //  Inner class for capture the records
   public class cAccount {
      public Account con {get; set;}
      public Boolean selected {get; set;}
      public cAccount(Account c) {
         con = c;
         selected = false;
      }
```

```
    }



}



<apex:page controller="newclass">
  <apex:form >
      <apex:pageBlock title="my class">


        <apex:pageBlockButtons >
            <apex:commandButton value="Process Selected"
action="{!processSelected}" rerender="pb1"/>
          </apex:pageBlockButtons>
        <apex:pageBlockSection columns="2">
        <apex:pageBlockTable value="{!Accounts}" var="Acc"
columnsWidth="150px,150px" align="left">
            <apex:column >


                <apex:inputCheckbox value="{!Acc.selected}"/>
            </apex:column>


            <apex:column value="{!Acc.con.Name}" />
            <apex:column value="{!Acc.con.Phone}" />
          </apex:pageBlockTable>


            <apex:pageBlockTable value="{!selectedAccounts}" var="Rec" id="pb1"
align="right" title="Selected Accounts">
                <apex:column headerValue="Account Name">
                  <apex:outputField value="{!Rec.name}"/>
```

```
        </apex:column>

        <apex:column headerValue="Phone">

            <apex:outputField value="{!Rec.Phone}"/>

        </apex:column>

      </apex:pageBlockTable>

    </apex:pageBlockSection>

  </apex:pageBlock>

</apex:form>


</apex:page>
```
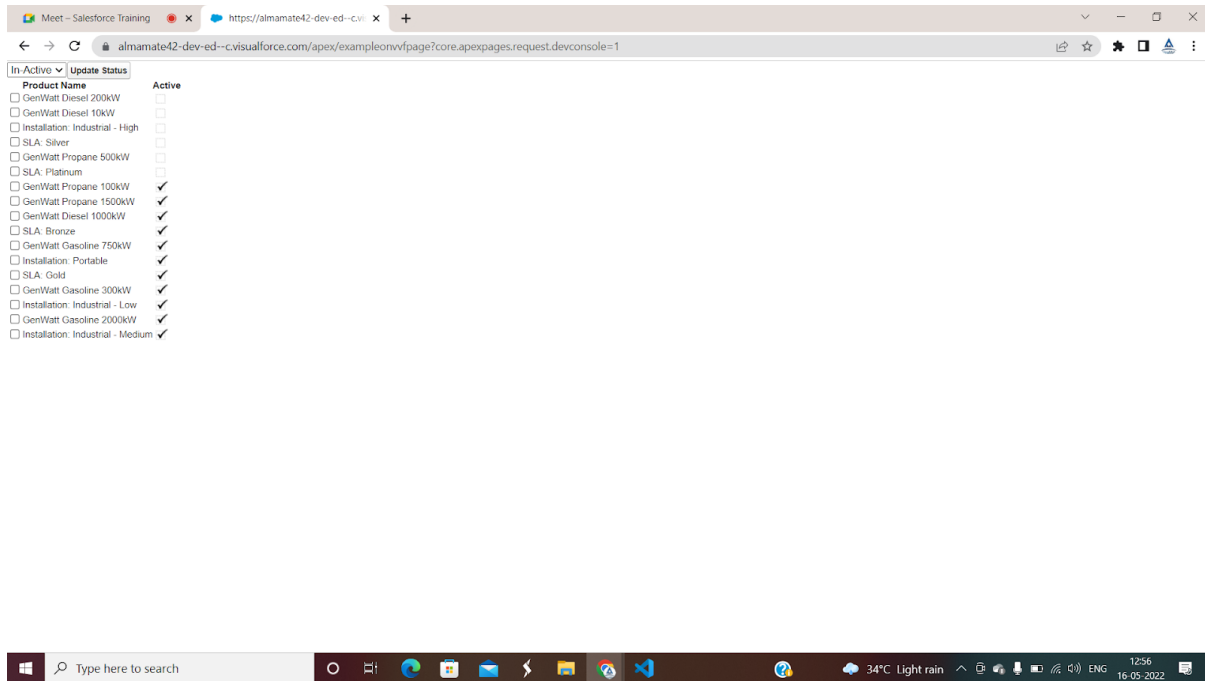
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Scenario13: Create a wrapper class for active and inactive status of Product

public class wrappertest

{

```
public list<productwrapper> recordlist { get; set;}
public list<selectoption> status;
public string selectedstatus { get; set;}


public wrappertest(){
    list<product2> pro = [select id, name, isactive from product2];
    if(pro.size()!=0){
        recordlist = new list<productwrapper>();
    }
    for(product2 p:pro){
        recordlist.add(new productwrapper(p));
    }


    selectedstatus = 'active';


}


public list<selectoption> getStatus(){
    status = new list<selectoption>();
    status.add(new selectoption('active','Active'));
    status.add(new selectoption('inactive','In-Active'));
    return status;
}


public void changestatus(){
    list<product2> prolist = new list<product2>();
    for(productwrapper pw: recordlist){
        if(pw.selected){
```

```
            if(selectedstatus == 'active'){

                pw.record.isactive = true;

            }else if(selectedstatus == 'inactive'){

                pw.record.isactive = false;

            }

            pw.selected=false;

            prolist.add(pw.record);

        }

    }

    update prolist;

}


public class productwrapper{

    public boolean selected { get; set;}

    public product2 record  { get; set;}

    public productwrapper(product2 record){

        this.record = record;

        selected = false;

    }

}
}


<apex:page controller="wrappertest">

    <apex:form>

        <apex:selectList value="{!selectedstatus}" size="1">

            <apex:selectOptions value="{!status}"/>

        </apex:selectList>

        <apex:commandButton action="{!changeStatus}" value="Update Status"/>
```

```
    <apex:datatable value="{!recordlist}" var="rec">

    <apex:column>

            <apex:inputCheckbox value="{!rec.selected}"/>

     </apex:column>

     <apex:column value="{!rec.record.name}" headerValue="Product Name"/>

     <apex:column value="{!rec.record.isActive}" headerValue="Active"/>

    </apex:datatable>

  </apex:form>

</apex:page>
```

Pagination :Split data on pages or user can set how many records per page user want to see.

```
<apex:page title="First PAGE"  standardController="Account" recordsetvar="Accounts"
showheader="false" sidebar="false">

  <apex:form>

  <apex:pageblock title="ACCOUNT DETAILS " tabstyle="Account" id="pb1">

    <apex:image url="{!$resource.noodles}" height="100" width="100">

    </apex:image>

  <apex:pageblocksection title="List of Accounts" collapsible="false" columns="1">

    <apex:pageblocktable value="{!accounts}" var="ac">


        <apex:column headervalue="Account Name" value="{!ac.name}"/>

        <apex:column headervalue="Account Type" value="{!ac.type}"/>

        <apex:column headervalue="Account Industry" value="{!ac.industry}"/>

        <apex:column headervalue="Account Annual Revenue value"
value="{!ac.annualrevenue}"/>



        </apex:pageblocktable>

      </apex:pageblocksection>
```

Default page size:{!pagenumber}

current page number:{!pagenumber}

Total records:{!Resultsize}

<apex:panelgrid bgcolor="lightblue" cellpadding="5" cellspacing="5" columns="20">

page <apex:outputtext>{!pagenumber} of
{!ceiling(resultsize/pagesize)}</apex:outputtext>

<apex:commandlink action="{!first}" value="<<first>>"></apex:commandlink>

<apex:commandlink action="{!previous}" value="<<previous>>"
rendered="{!hasprevious}"></apex:commandlink>

<apex:outputtext style="color:grey" value="<<previous>>"
rendered="{!not(hasprevious)}"></apex:outputtext>

<apex:commandlink action="{!next}" value="<<next>>"></apex:commandlink>

<apex:commandlink action="{!last}" value="<<last>>"></apex:commandlink>

Select Record Per page :<apex:selectlist size="1" value="{!pagesize}">

 <apex:selectoption itemlabel="5" itemvalue="5"></apex:selectoption>

<apex:selectoption itemlabel="10" itemvalue="10"></apex:selectoption>

 <apex:selectoption itemlabel="15" itemvalue="15"></apex:selectoption>

<apex:actionsupport event="onchange" rerender="pb1"/>

</apex:selectlist>

</apex:panelgrid>

</apex:pageblock>

</apex:form>

</apex:page>

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