Tree Structure in visualforce page(upto 4 levels)

Apex class:

```
public with sharing class TreeStructure {
  public List <Account> accountList{get; set;}
  public List <contact> contactList{get; set;}
  public List <case> caseList{get; set;}
  public List <CaseComment> caseCommentList{get; set;}
  List <Id> accountIds =new List<Id>();
  List <Id> contactIds =new List<Id>():
  List <Id> caseIds =new List<Id>();
  public TreeStructure() {
     accountList = [Select id, name, parentid from account limit 200];
     for(account a:accountList ) {
       accountlds.add(a.id);
     contactList = [Select id, name,accountid from contact where accountid in:accountlds];
     for(contact a:contactList ) {
       contactlds.add(a.id);
     }
     caseList = [Select id,casenumber,contactid from case where contactid in:contactlds ];
     for(case a:caseList ) {
       caselds.add(a.id);
     caseCommentList = [Select id,CommentBody,parentid from CaseComment where parentid
in:caseIds ];
  }
```

Static Resource: create a static resource with name "Jtreeview" and upload the file downloaded from this link JTree Static Resource.



Visualforce Page:

```
<apex:page sidebar="false" controller="TreeStructure" showheader="false">
<!-- Include the Jquery Script files -->
  <link rel="stylesheet" href="</pre>
{!URLFOR($Resource.Jtreeview, 'Jquerytreeview/jquery.treeview.css')}"/>
   <script src="{!URLFOR($Resource.Jtreeview,'Jquerytreeview/jquery.js')}" type="text/javascript">
</script>
   <script src="{!URLFOR($Resource.Jtreeview, 'Jquerytreeview/jquery.cookie.js')}"</pre>
type="text/javascript"></script>
   <script src="{!URLFOR($Resource.Jtreeview, 'Jquerytreeview/jquery.treeview.js')}"</pre>
type="text/javascript"></script>
<!-- End of Javascript files -->
<script type="text/javascript">
     $(function() {
        $("#tree").treeview({
           collapsed: false,
           animated: "medium",
           control: "#sidetreecontrol",
```

```
persist: "location"
       });
     })
</script>
<br/><br/><br/><br/>
<!-- Tree -->
<div class="treeheader" style="height:0px;">&nbsp;</div>
<div id="sidetreecontrol"><a href="?#"><font style="color:blue;">Collapse All</font></a> | <a href="?"</pre>
#"><font style="color:blue;">Expand All</font></a></div>
ul id="tree">
  <apex:repeat value="{!accountList}" var="acc">
  <span class="folder">{!acc.name}</span>
        <apex:repeat value="{!contactList}" var="c">
          <apex:outputtext rendered="{!c.accountid==acc.id}"><span class="file"><a
href="/{!c.id}" target="_blank">{!c.name}</a></span>
            <apex:repeat value="{!caseList}" var="c1">
                 <apex:outputtext rendered="{!c1.contactid==c.id}"><span class="file"><a</pre>
href="/{!c1.id}" target="_blank">{!c1.casenumber}</a></span>
                    ul>
                      <apex:repeat value="{!caseCommentList}" var="c2">
                        <apex:outputtext rendered="{!c2.parentid==c1.id}"> <span class="file">
<a href="/{!c.id}" target="_blank">{!c2.CommentBody}</a></span>
                         </apex:outputtext>
                      </apex:repeat>
                    </apex:outputtext>
              </apex:repeat>
            </apex:outputtext>
       </apex:repeat>
       <apex:repeat value="{!accountList}" var="acc1" first="1">
  <apex:outputtext rendered="{!acc1.parentid==acc.id}"><span class="folder">
{!acc1.name}</span>
     ul>
        <apex:repeat value="{!contactList}" var="c">
          <apex:outputtext rendered="{!c.accountid==acc1.id}"><span class="file"><a</pre>
href="/{!c.id}" target="_blank">{!c.name}</a></span>
            ul>
               <apex:repeat value="{!caseList}" var="c1">
                 <apex:outputtext rendered="{!c1.contactid==c.id}"><span class="file"><a
href="/{!c1.id}" target="_blank">{!c1.casenumber}</a></span>
                    <111>
                      <apex:repeat value="{!caseCommentList}" var="c2">
                        <apex:outputtext rendered="{!c2.parentid==c1.id}"> <span class="file">
<a href="/{!c.id}" target="_blank">{!c2.CommentBody}</a></span>
                         </apex:outputtext>
                      </apex:repeat>
                    </apex:outputtext>
              </apex:repeat>
            </apex:outputtext>
       </apex:repeat>
```

```
</apex:outputtext></apex:repeat>
    </apex:repeat>
       <!-- End of Tree -->
</apex:page>
Output:
                                                     Collapse All | Expand All
                                                     Test Java Account
                                                     ⊞sun
                                                      # testacc
                                                     ⊕ GenePoint
                                                     H-United Oil & Gas, UK
                                                      United Oil & Gas, Singapore
                                                     Edge Communications
                                                      Burlington Textiles Corp of America
                                                      Pyramid Construction Inc.
                                                     Dickenson plc
                                                     Grand Hotels & Resorts Ltd
                                                      Express Logistics and Transport
                                                     University of Arizona
                                                     United Oil & Gas Corp.
                                                      ⊕ sForce
                                                     El king
                                                     🗎 sun
                                                      E-Testing Multipicklist Value
                                                     Testing Multipicklist Value
                                                     Testing Multipicklist Value
                                                      Testing Multipicklist Value
                                                     Testing Multipicklist Value
                                                     testing:
                                                      Collapse All | Expand All
                                                        Portal User Contact
                                                          ⊡ 00001034
                                                             gk
                                                        B sastat
                                                      ∃ Test Java Account
                                                      : testacc
                                                      GenePoint
                                                        ⊟ Edna Frank
                                                          ⊕ 00001006
                                                          ⊟ 00001016
                                                      United Oil & Gas, UK
                                                        B Ashley James
                                                          ⊡ 00001009
                                                      United Oil & Gas, Singapore
```

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