How to Tackle View State Issue During Upload file as a Attachment through Visualforce Page

<u>SEPTEMBER 30, 2017</u>   <u>LEAVE A COMMENT</u>

In <u>Previous</u> Post, We Saw How to Upload File in Salesforce Through Visualforce .

So This Post is just to Handle the **View State Error** Occurred During Uploading File through Visualforce.

For Complete Detail of **View State** Refer <u>Link .</u>

If you look into the <u>Previous</u> Post there were many Variables in Apex Controller which were use for getting file Body, Name, Description .

So If User Upload Large File Then file Body, Name and Description Come in these variables and It would Easily Increase the Heap Size Limit and **View State** Issue would arise.

So For Avoiding this Issue Directly Make a **Attachment** Object Instance in Apex Controller and Get Body, Name of File From Visualforce Using that Instance .

```
public Attachment attachment {
    get {
        if (attachment == null)
            attachment = new Attachment();
        return attachment;
    }
    set;
}
```


Instead of Storing file body, Name, Description in these variables in apex controller it would Store directly in SObject Attachment So Heap Size Limit will not exceed.

Please Refer the Visualforce Page and Apex Controller for More Details.

```
1   <apex:page standardStylesheets="false" sidebar="false" showHeader="false" controller="AttachmentUploadController
2
3   <html>
4   <body>
5   <c:UploadFile_Component />
6   <!-- Main Section -->
7   <main class="main-section">
8
9   <!-- Header Section -->
10  <header class="header-section">
11  <div class="headersection-tagline">
12  <div class="container">
13  <div class="tagline-left">Upload File as Attachment</div>
14  </div>
15  </div>
16  </header>
```

```
17    <!-- /Header Section -->
18
19    <!-- Form Section -->
20    <section class="inner-section">
21    <div class="container">
22    <div class="formbg-section">
23    <apex:form styleclass="form-horizontal" id="frm" enctype="multipart/form-data">
24    <div class="row">
25    <div class="col-md-6">
26    <div class="form-group">
27    <label class="control-label col-md-4">File Name :</label>
28    <div class="col-md-8">
29    <apex:inputText value="{!attachment.name}" styleClass="form-control"/>
30    </div>
31    </div>
32    </div>
33    <div class="col-md-6">
34    <div class="form-group">
35    <div class="col-md-12">
36    <label class="control-label col-md-2">File: </label>
37    <label class="btn btn-primary" > Browse File
38    <apex:inputFile value="{!attachment.body}" filename="{!attachment.name}" styleclass="form-control" style="displa
39    </label>
40    <span class="uploaded-file" style="overflow: hidden; display: -moz-grid;" ></span>
41    </div>
42    </div>
43    </div>
44    <div class="col-md-12">
45    <div class="form-group">
46    <label class="control-label col-md-2">Description :</label>
47    <div class="col-md-10">
48    <apex:inputTextarea styleClass="form-control" value="{!attachment.Description}"/>
49    </div>
50    </div>
51    </div>
52    <div class="col-md-12">
53    <apex:messages />
54    <div class="form-group form-action-toolbar">
55    <div class="col-md-8 text-left">
56    <apex:commandButton id="btnsave" action="{!Upload}" styleClass="btn btn-primary" value="Save File as Attachment"
57    </div>
58    </div>
59    </div>
```

```
60    </div>
61    </apex:form>
62    </div>
63    </div>
64    </section>
65    <!-- /.Form Section -->
66
67    </main>
68    <!-- /.Main Section-->
69    <script>
70
71     function filechange(e)
72     {
73     var fileName = e.target.files[0].name;
74     $('.uploaded-file').html(fileName);
75     }
76
77    </script>
78    </body>
79    </html>
80    </apex:page>
```