

Day 12 :

Topic: Component Creation For Application

Milestones: Created Components For Application

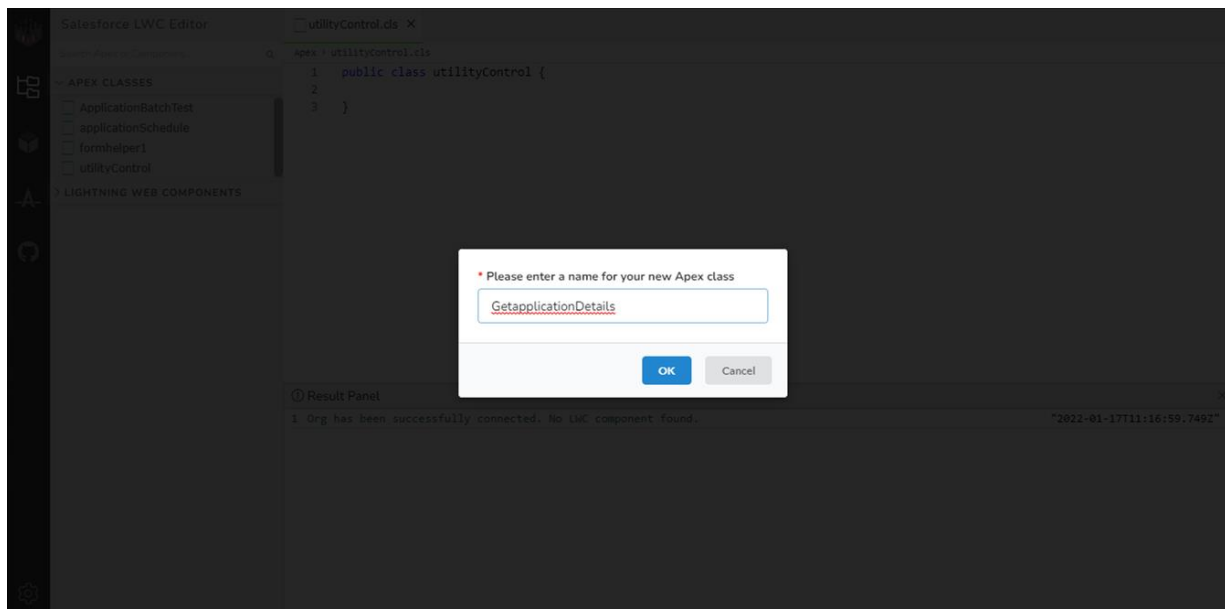
1.Create College DataTable Component(APEX CLASS)

we are going to create the college data table, for this we need to create an apex class, from which we are going to retrieve the data and Html, javascript files for UI .

```
public class GetapplicationDetails
{
    @AuraEnabled(cacheable=true)
    public static List<Application_Form__c> getapplicationvalues(id Collegeld)
    {

        List<Application_Form__c> formlist = [SELECT ID, College_Fee__c,Name,
        Date_Of_Birth__c,Email__c,Hostel_Fee__c, Student_Name__c FROM
        Application_Form__c WHERE College__c =:Collegeld];

        return formList;
    }
}
```



```
GetapplicationDetails.cls X
Apex > GetapplicationDetails
1 public class GetapplicationDetails
2 {
3     @AuraEnabled(cacheable=true)
4     public static List<Application_Form__c> getapplicationvalues(id CollegeId)
5     {
6
7         List<Application_Form__c> formList = [[SELECT ID, College_Fee__c,Name,
8         Date_Of_Birth__c,Email__c,Hostel_Fee__c, Student_Name__c FROM
9         Application_Form__c WHERE College__c =:CollegeId]];
10
11     return formList;
12     }
13
14 }
```

Create College DataTable Component (HTML FILE)

<template>

<h1> College and Application form list table </h1>

<template if:true={recordList}>

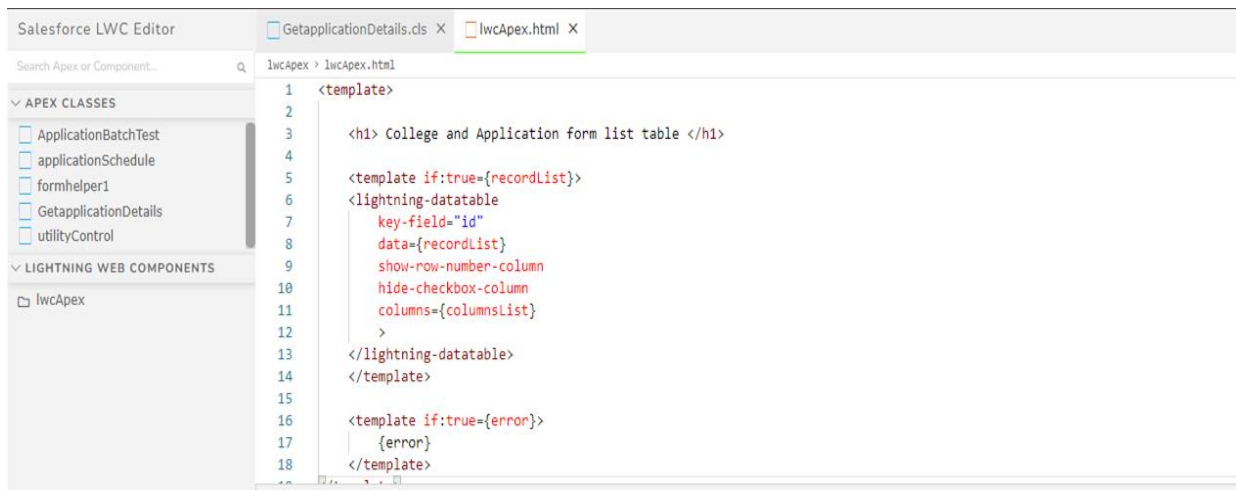
<lightning-datatable
key-field="id"

```

        data={recordList}
        show-row-number-column
        hide-checkbox-column
        columns={columnsList}
    >
</lightning-datatable>
</template>

<template if:true={error}>
    {error}
</template>
</template>

```



Create College DataTable Component(JAVA SCRIPT FILE)

```

import { LightningElement, api, wire } from 'lwc';
import getapplicationvalues
from '@salesforce/apex/GetapplicationDetails.getapplicationvalues';
export default class CollegeDataTable extends LightningElement {
  columnsList = [
    {label : 'Application Form' , fieldName : 'Name' , type:'text' },
    {label : 'College Fee' , fieldName : 'College_Fee__c' , type:'currency' },
    {label : 'Date Of Birth' , fieldName : 'Date_Of_Birth__c' , type:'date' },
    {label : 'Email' , fieldName : 'Email__c' , type:'email' },

```

```
{label : 'Hostel Fee' , fieldName : 'Hostel_Fee__c', type:'Currency' },  
{label : 'StudentName' , fieldName : 'Student_Name__c', type:'text' }  
];
```

```
@api recordId;
```

```
recordList;
```

```
error;
```

```
@wire(getapplicationvalues, {CollegeId : '$recordId'})
```

```
wiredCollegeData({data, error}){
```

```
  if(data){
```

```
    this.recordList = data;
```

```
  }
```

```
  else if(error){
```

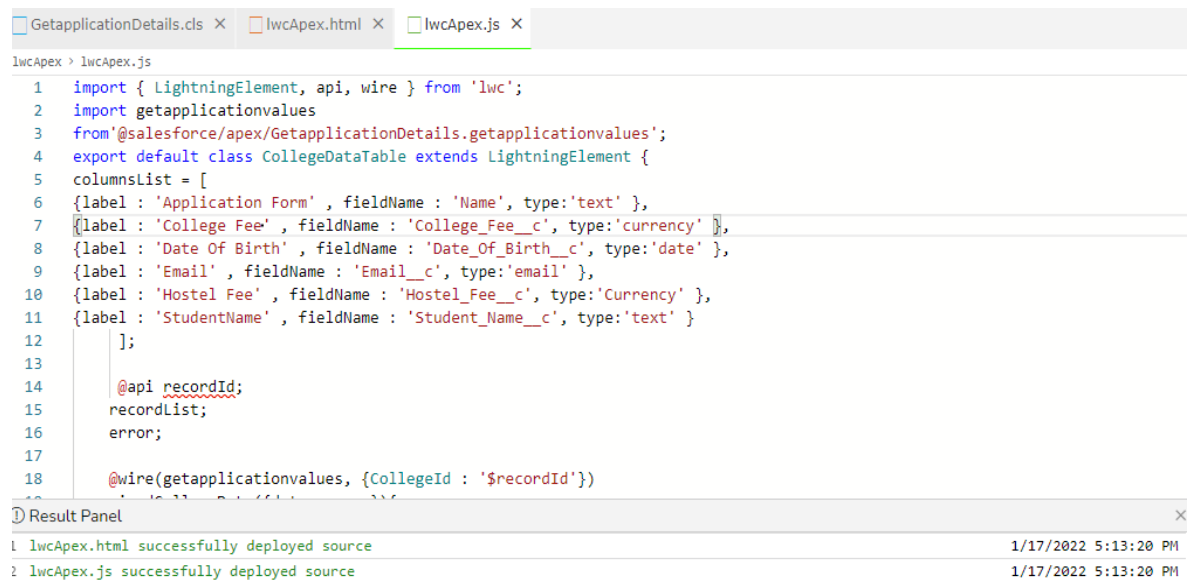
```
    this.error = error;
```

```
    this.recordList = undefined;
```

```
  }
```

```
}
```

```
}
```



```
<?xml version="1.0"?>
<LightningComponentBundle
xmlns="http://soap.sforce.com/2006/04/metadata">
  <apiVersion>51.0</apiVersion>
  <isExposed>true</isExposed>
  <targets>
    <target>lightning__RecordPage</target>
    <target>lightning__AppPage</target>
    <target>lightning__HomePage</target>
  </targets>
</LightningComponentBundle>
```

Salesforce LWC Editor

Search Apex or Component...

APEX CLASSES

ApplicationBatchTest

applicationSchedule

formhelper1

GetapplicationDetails

utilityControl

LIGHTNING WEB COMPONENTS

lwcApex

lwcApex.html

lwcApex.js

lwcApex.css

lwcApex.js-meta.xml

lwcApex.svg

GetapplicationDetails.cls × lwcApex.html × lwcApex.js × lwcApex.js-meta.xml ×

lwcApex > lwcApex.js-meta.xml

```
1 <?xml version="1.0"?>
2 <LightningComponentBundle
3 xmlns="http://soap.sforce.com/2006/04/metadata">
4   <apiVersion>51.0</apiVersion>
5   <isExposed>true</isExposed>
6   <targets>
7     <target>lightning__RecordPage</target>
8     <target>lightning__AppPage</target>
9     <target>lightning__HomePage</target>
10  </targets>
11 </LightningComponentBundle>
```

Result Panel

1 lwcApex.html successfully deployed source 1/17/2022 5:18:33 PM

2 lwcApex.js successfully deployed source 1/17/2022 5:18:33 PM

3 lwcApex.js-meta.xml successfully deployed source 1/17/2022 5:18:33 PM