

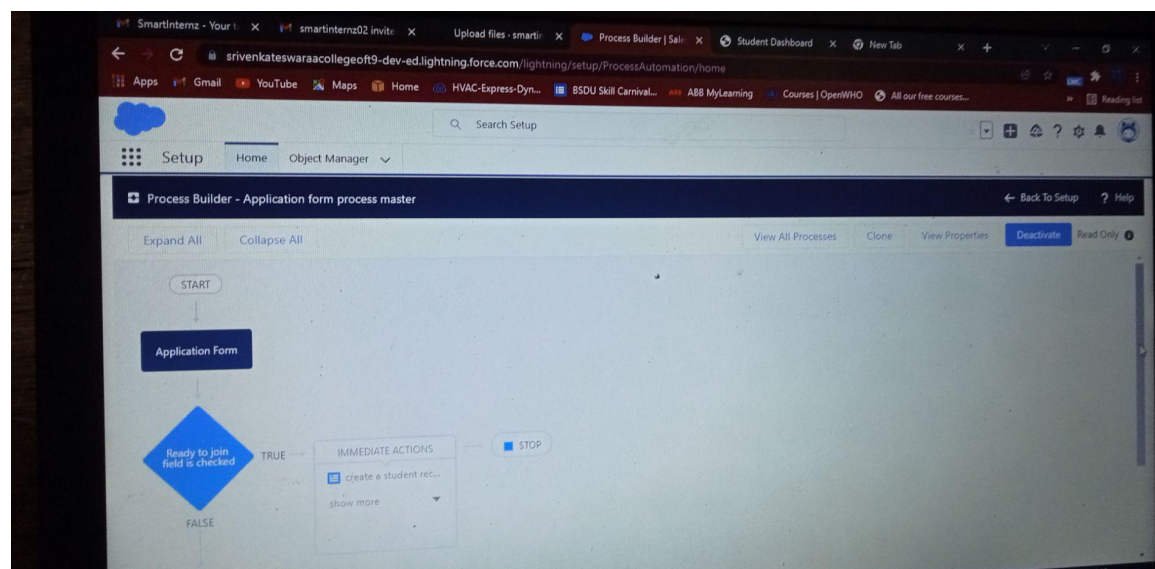
## Milestone activities : PROCESS AUTOMATION

**Description :** Create an automation process such that when the "ready to join" field is checked on the application form object we need to create the student record automatically with the information specified in the application form record.

Go to Setup -> select "Process Builder" from quick find. Create a Process Builder on the "Application Form" object with a condition as "When a record change". And select "When a record is created or edited".

a. In the diamond shape box(called nodes), select the criteria which trigger the Process builder to fire. In our example, it is "When Ready to Join field is checked."

b. Once the node is setup, click on the adjacent box called "Immediate action". And select create a record on the student object. Please follow the below screenshot.



## Milestone Activities : Flow Builder

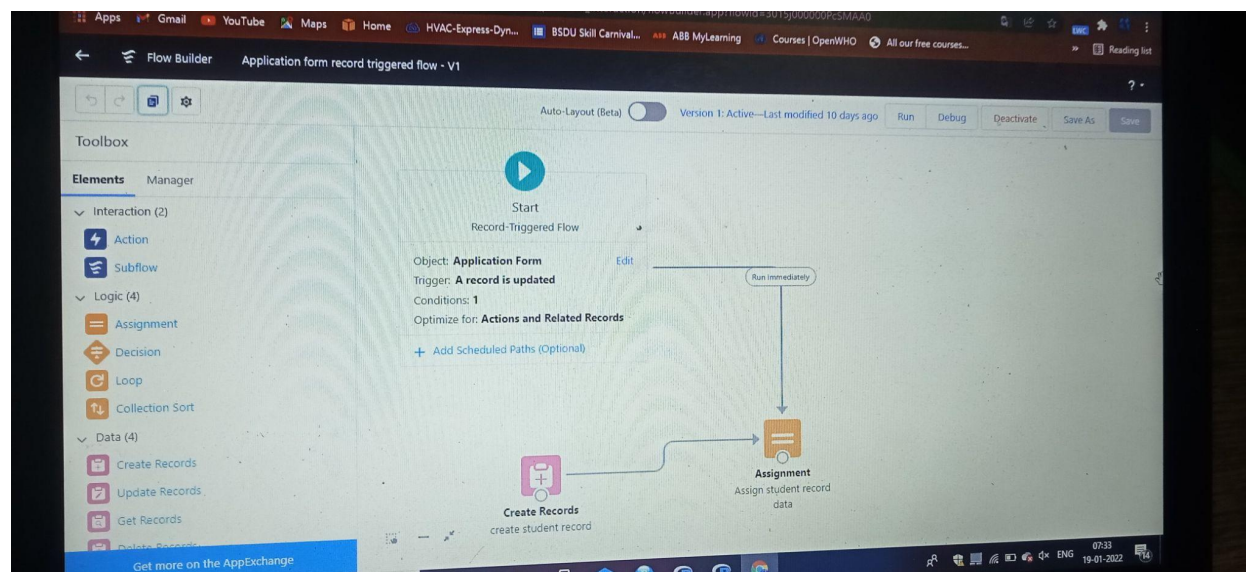
**Description :** 1. First deactivate the process builder which we created earlier.

**2. Now search for flows and select new flow ->record triggered flow**

**3. For object select application form, in configure trigger select when the record is updated for entry criteria select as ready to join equals to true.**

**4. Now create a variable named student in the resource section.**

**5. Now add the assignment as follows.**



**Batch apex**

**Milestone Activities : Create a batch apex for application form**

The screenshot shows the Salesforce Developer Console with the 'ApplicationBatchTest.apxc' file open. The code defines a class that implements Database.Batchable<Object> and includes methods for start, execute, and finish. The start method queries for Application\_Form\_\_c records, and the execute method processes them in a loop, incrementing a counter.

```
1 public class ApplicationBatchTest implements Database.Batchable<Object>{
2
3     //start(), execute(). finish()
4     public Integer totalForms = 0; // total no of application form
5     public Integer totalConvertedForms = 0; // total no of students
6     public Database.QueryLocator start(Database.BatchableContext bc){
7         // gathers the data for you
8         String applicationQuery = 'select id, Name, Ready_To_Join__c from Application_Form__c';
9         return Database.getQueryLocator(applicationQuery);
10    }
11    public void execute(Database.BatchableContext bc, List<Application_Form__c> formList){
12        // process the data
13        for(Application_Form__c af : formList){
14            totalForms++;
15            if(af Ready_To_Join__c){
```

## Milestone Activities : Create a scheduler class

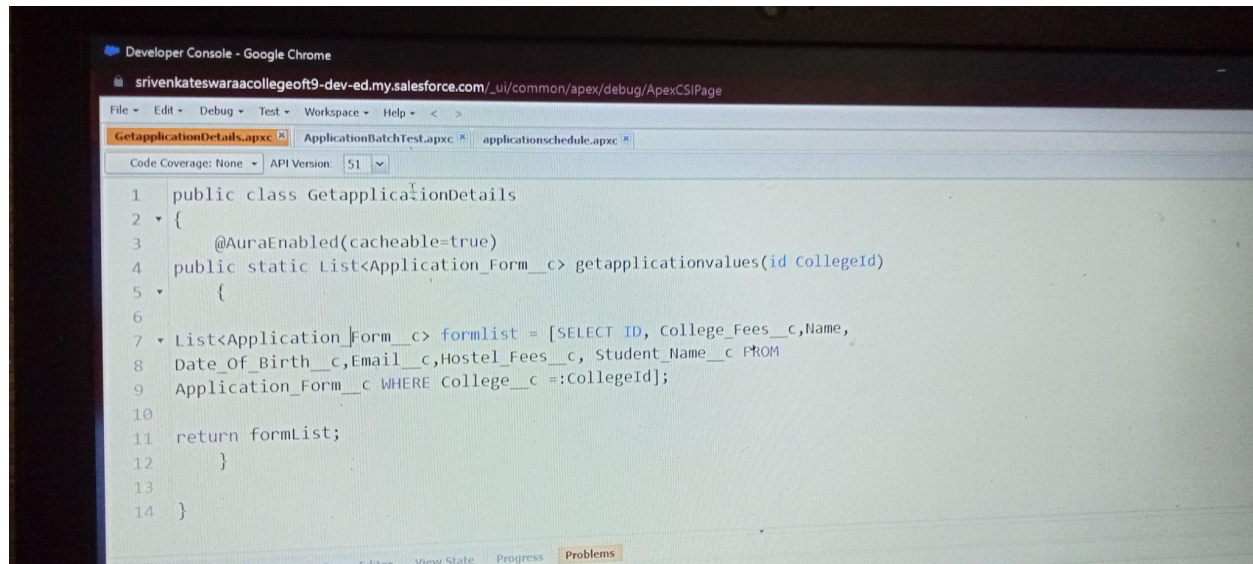
The screenshot shows the Salesforce Developer Console with the 'applicationschedule.apxc' file open. The code defines a class that implements Schedulable and includes an execute method that creates an instance of ApplicationBatchTest and executes it as a batch.

```
1 public class applicationschedule implements Schedulable{
2
3
4
5     public void execute(SchedulableContext sc){
6
7         ApplicationBatchTest abt = new ApplicationBatchTest();
8
9         Database.executeBatch(abt, 400); // 200 to 2000
10
11
12
13    }
14
15 }
```

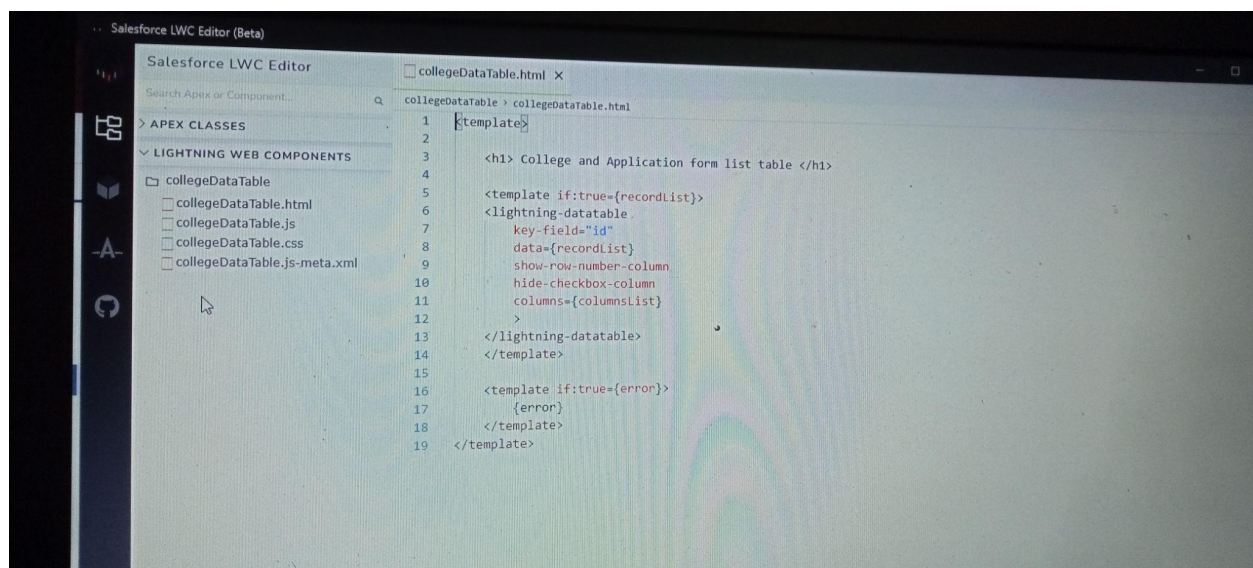
## Lightning web components

## Milestone Activities : Apex Class

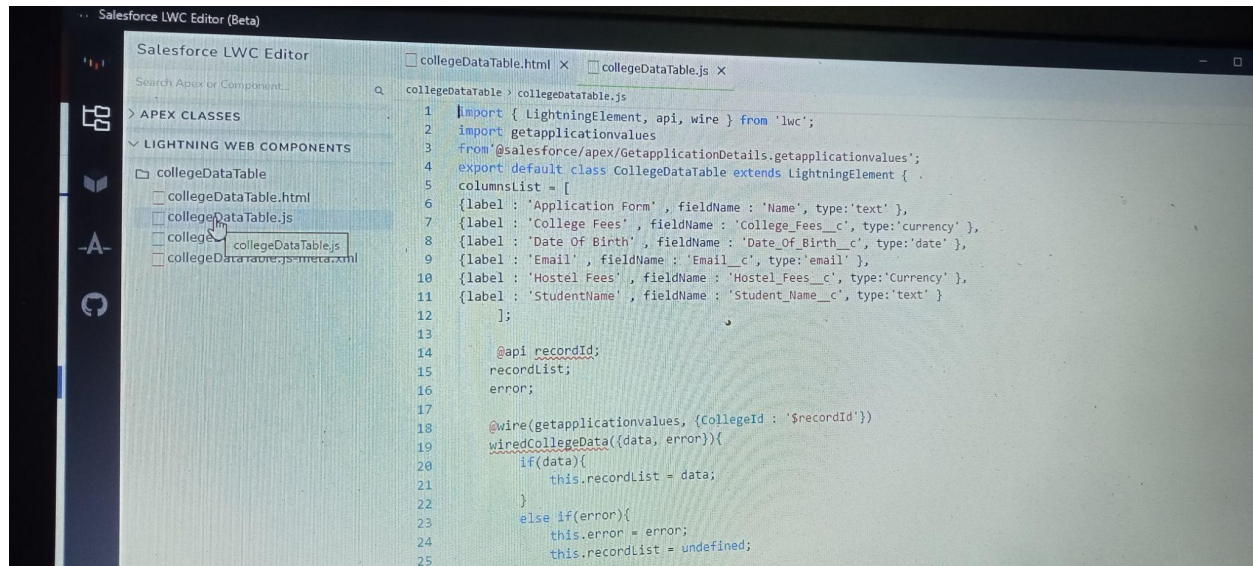




## Html file



## Js file



## Meta xml file

