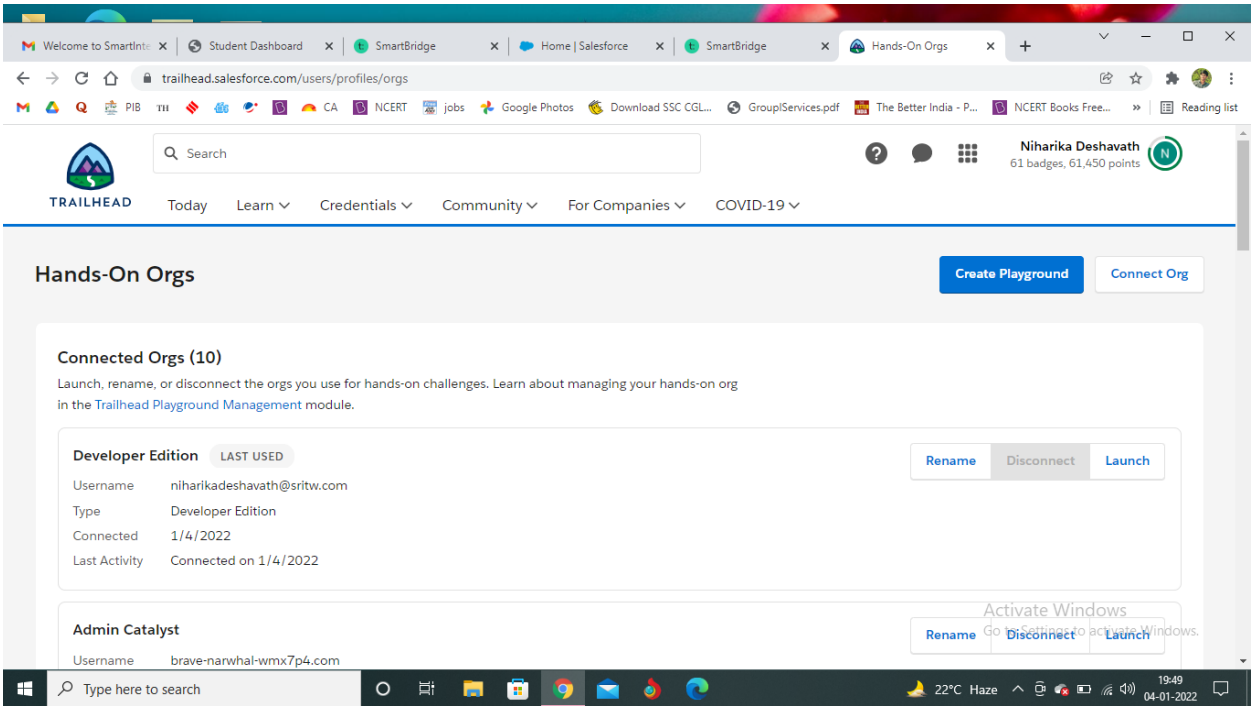
Day 1 :03/01/2022,Monday

Topic: Create your salesforce developer org to get started

Milestone / Activities: Creating Developer Account
Account activation
Login to your salesforce Account

Detailed Description: First I sign up developers salesforce.com/ with all required information , after clicking the sign up button I will get an email for activating the developer account , then I verify the account , then after I login the salesforce account.

Upload the Screenshot the Milestone / Activities:



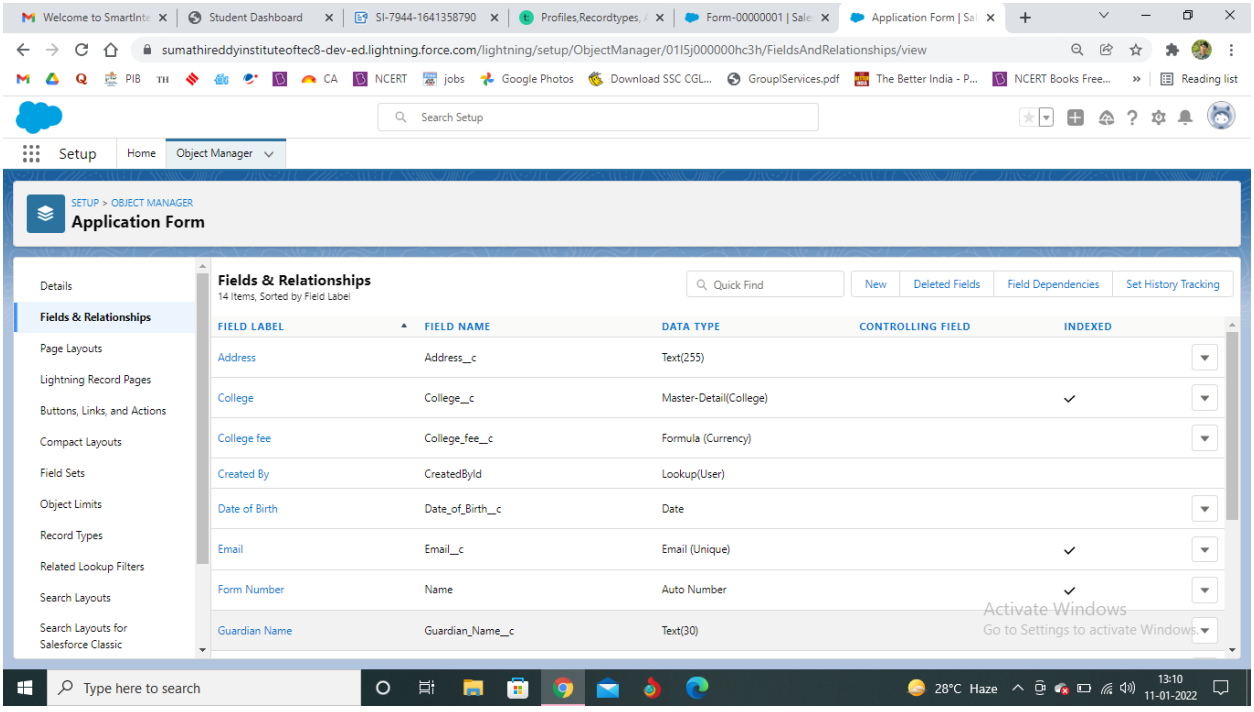
Day 2 :04/01/2022,Tuesday

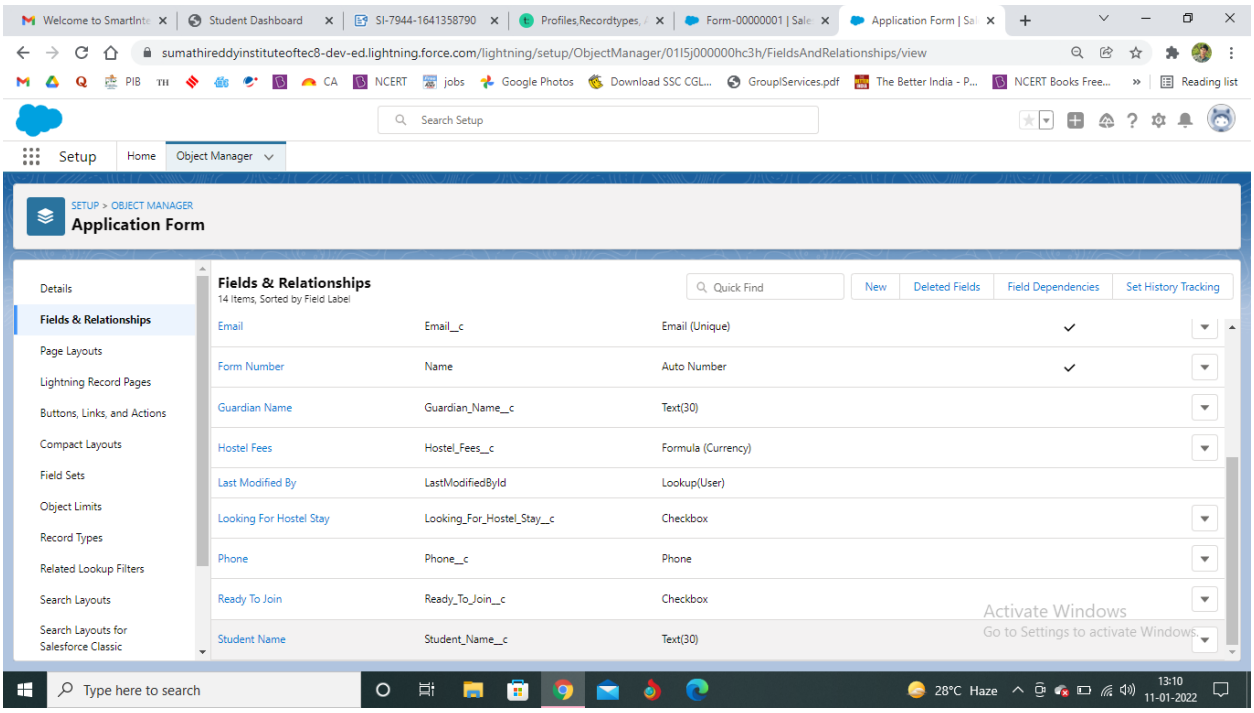
Topic: Custom Object Creation

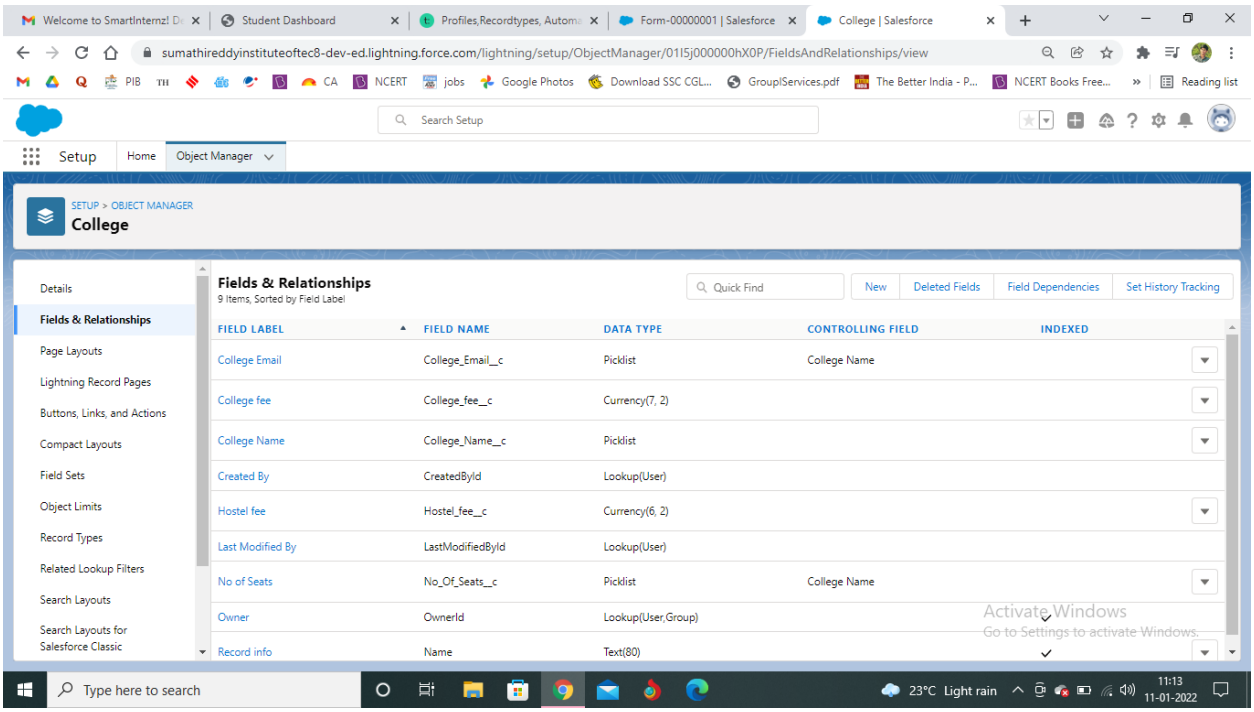
Milestone / Activities: Create the custom objects for the application
Create fields on college object
Create fields on application from object
Create fields on student object
Create fields on subject object

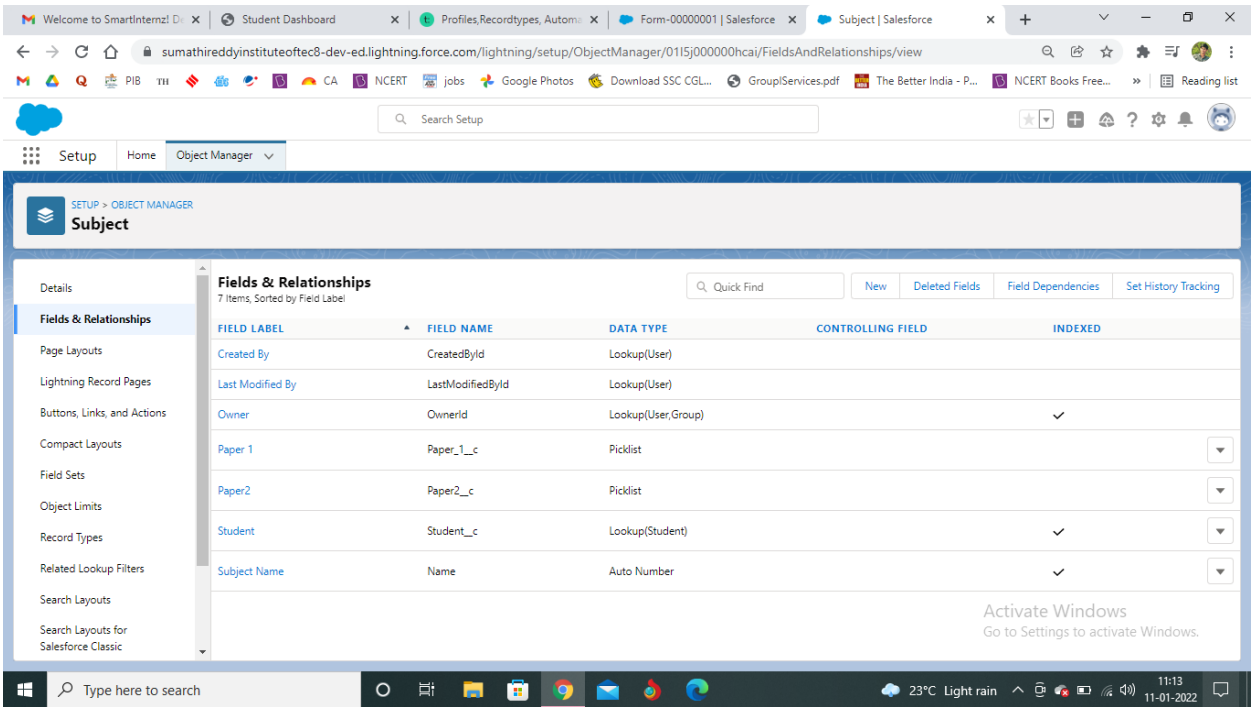
Detailed Description: first I have created the custom objects then after I created all the fields in College,Application form,Student and Subject objects according to the project details.

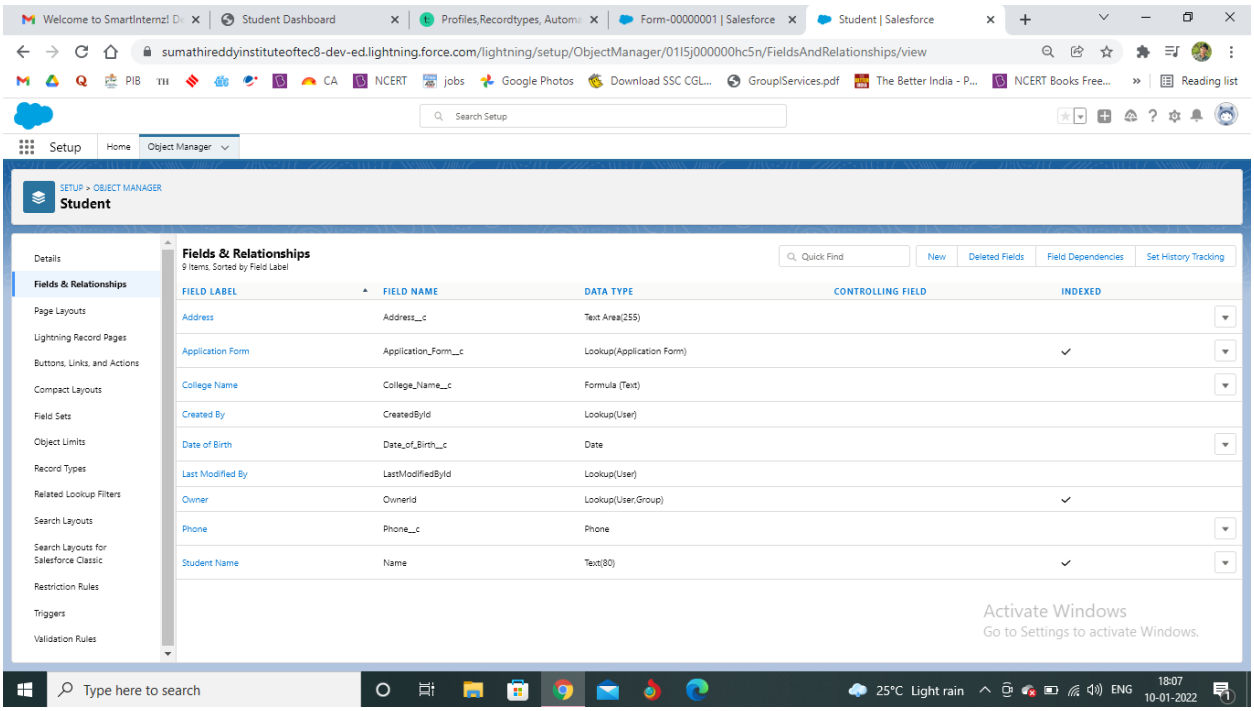
Upload the Screenshot the Milestone / Activities:

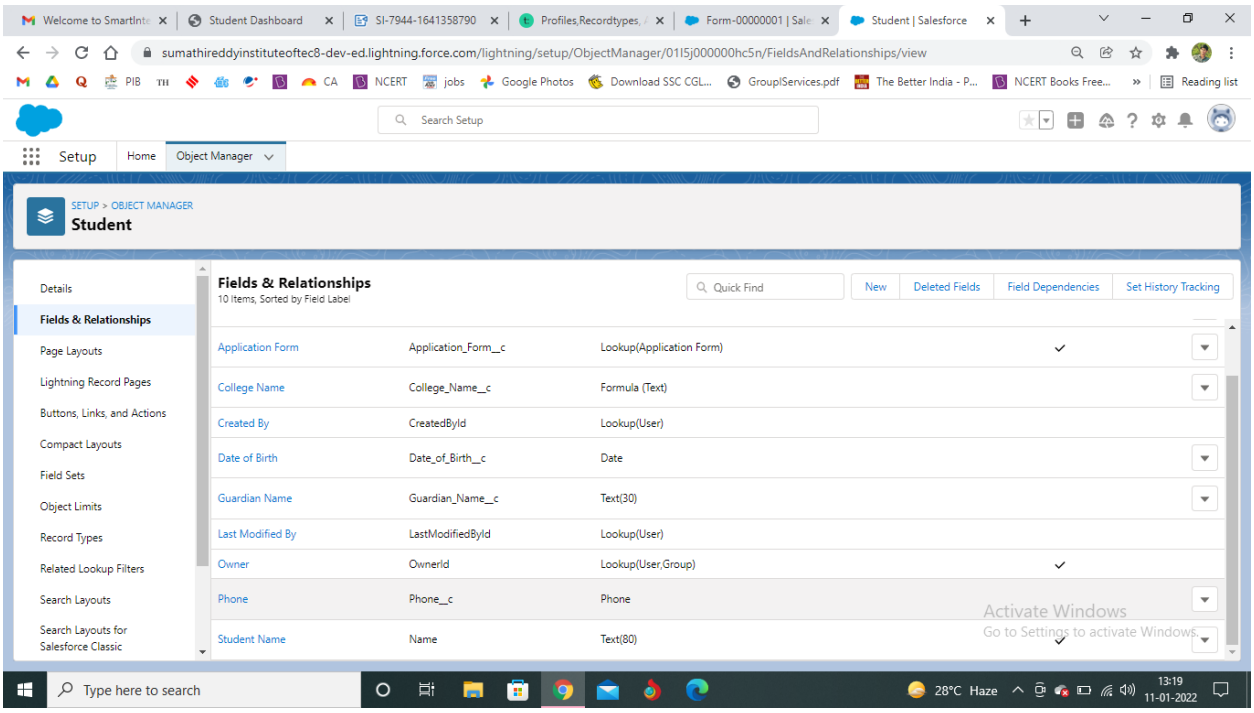



Welcome to SmartInte
Student Dashboard
SI-7944-1641358790
Profiles,Recordtypes,
Form-00000001 | Sale
Application Form | Sal
sumathireddyinstituteoftec8-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01I5j000000hc3h/FieldsAndRelationships/view
Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
Application Form
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
Search Layouts for Salesforce Classic
Fields & Relationships
14 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
Email | Email__c | Email (Unique)
Form Number | Name | Auto Number
Guardian Name | Guardian_Name__c | Text(30)
Hostel Fees | Hostel_Fees__c | Formula (Currency)
Last Modified By | LastModifiedById | Lookup(User)
Looking For Hostel Stay | Looking_For_Hostel_Stay__c | Checkbox
Phone | Phone__c | Phone
Ready To Join | Ready_To_Join__c | Checkbox
Student Name | Student_Name__c | Text(30)
Activate Windows
Go to Settings to activate Windows.
Type here to search
28°C Haze
13:10
11-01-2022


Welcome to SmartInternz! D
Student Dashboard
Profiles,Recordtypes, Automa
Form-00000001 | Salesforce
College | Salesforce
sumathireddyinstituteoftec8-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01I5j000000hX0P/FieldsAndRelationships/view
Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
College
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
Search Layouts for Salesforce Classic
Fields & Relationships
9 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
FIELD LABEL | FIELD NAME | DATA TYPE | CONTROLLING FIELD | INDEXED
College Email | College_Email__c | Picklist | College Name
College fee | College_fee__c | Currency(7, 2)
College Name | College_Name__c | Picklist
Created By | CreatedById | Lookup(User)
Hostel fee | Hostel_fee__c | Currency(6, 2)
Last Modified By | LastModifiedById | Lookup(User)
No of Seats | No_Of_Seats__c | Picklist | College Name
Owner | OwnerId | Lookup(User,Group)
Record info | Name | Text(80)
Activate Windows
Go to Settings to activate Windows.
Type here to search
23°C Light rain
11:13
11-01-2022


Welcome to SmartInternz! D
Student Dashboard
Profiles,Recordtypes, Automa
Form-00000001 | Salesforce
Subject | Salesforce
sumathireddyinstituteoftec8-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01I5j000000hcai/FieldsAndRelationships/view
Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
Subject
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
Search Layouts for Salesforce Classic
Fields & Relationships
7 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
FIELD LABEL
FIELD NAME
DATA TYPE
CONTROLLING FIELD
INDEXED
Created By
CreatedById
Lookup(User)
Last Modified By
LastModifiedById
Lookup(User)
Owner
OwnerId
Lookup(User,Group)
Paper 1
Paper_1__c
Picklist
Paper2
Paper2__c
Picklist
Student
Student__c
Lookup(Student)
Subject Name
Name
Auto Number
Activate Windows
Go to Settings to activate Windows.
Type here to search
23°C Light rain
11:13
11-01-2022


Welcome to SmartInternz! D
Student Dashboard
Profiles,Recordtypes, Automa
Form-00000001 | Salesforce
Student | Salesforce
sumathireddyinstituteoftec8-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01I5j000000hc5n/FieldsAndRelationships/view
Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
Student
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
Search Layouts for Salesforce Classic
Restriction Rules
Triggers
Validation Rules
Fields & Relationships
9 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
FIELD LABEL
FIELD NAME
DATA TYPE
CONTROLLING FIELD
INDEXED
Address
Address__c
Text Area(255)
Application Form
Application_Form__c
Lookup(Application Form)
College Name
College_Name__c
Formula (Text)
Created By
CreatedById
Lookup(User)
Date of Birth
Date_of_Birth__c
Date
Last Modified By
LastModifiedById
Lookup(User)
Owner
OwnerId
Lookup(User,Group)
Phone
Phone__c
Phone
Student Name
Name
Text(80)
Activate Windows
Go to Settings to activate Windows.
Type here to search
25°C Light rain
ENG
18:07
10-01-2022


Welcome to SmartInte
Student Dashboard
SI-7944-1641358790
Profiles,Recordtypes,
Form-00000001 | Sale
Student | Salesforce
sumathireddyinstituteoftec8-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01I5j000000hc5n/FieldsAndRelationships/view
PIB
TH
CA
NCERT
jobs
Google Photos
Download SSC CGL...
GroupIServices.pdf
The Better India - P...
NCERT Books Free...
Reading list
Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
Student
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
Search Layouts for Salesforce Classic
Fields & Relationships
10 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
Application Form
Application_Form__c
Lookup(Application Form)
College Name
College_Name__c
Formula (Text)
Created By
CreatedById
Lookup(User)
Date of Birth
Date_of_Birth__c
Date
Guardian Name
Guardian_Name__c
Text(30)
Last Modified By
LastModifiedById
Lookup(User)
Owner
OwnerId
Lookup(User,Group)
Phone
Phone__c
Phone
Student Name
Name
Text(80)
Activate Windows
Go to Settings to activate Windows.
Type here to search
28°C Haze
13:19
11-01-2022

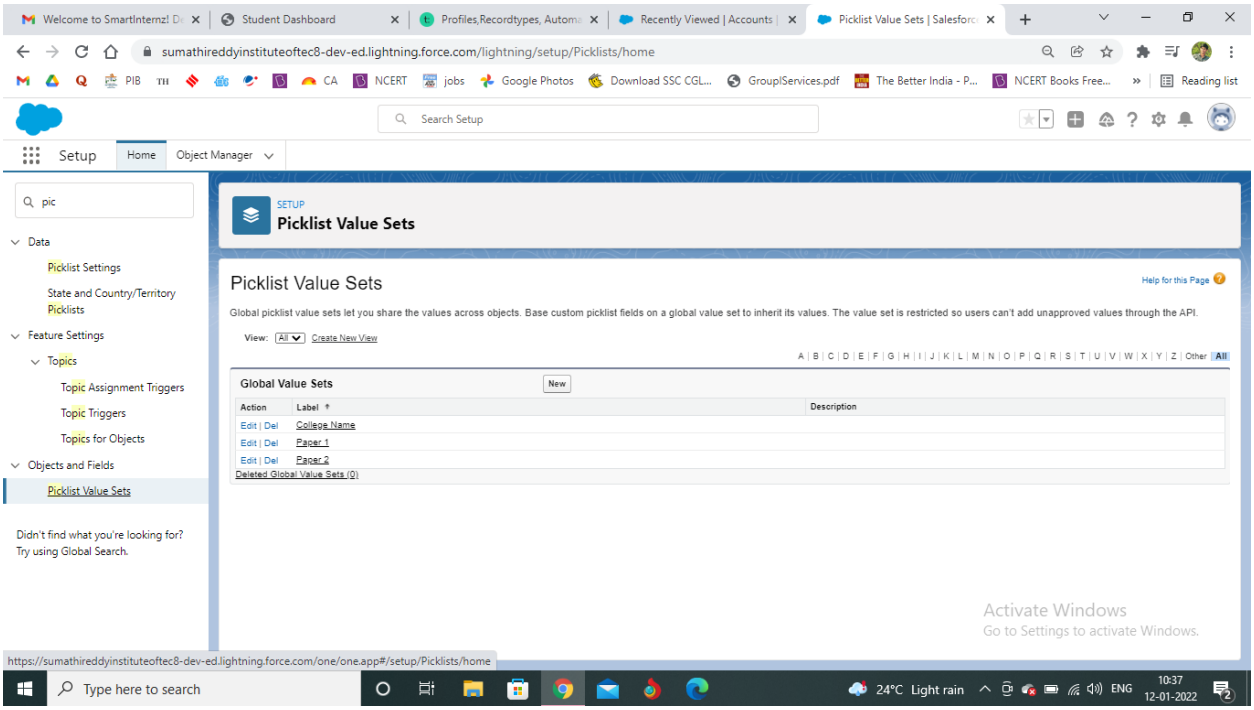
Day 3 : 05/01/2022

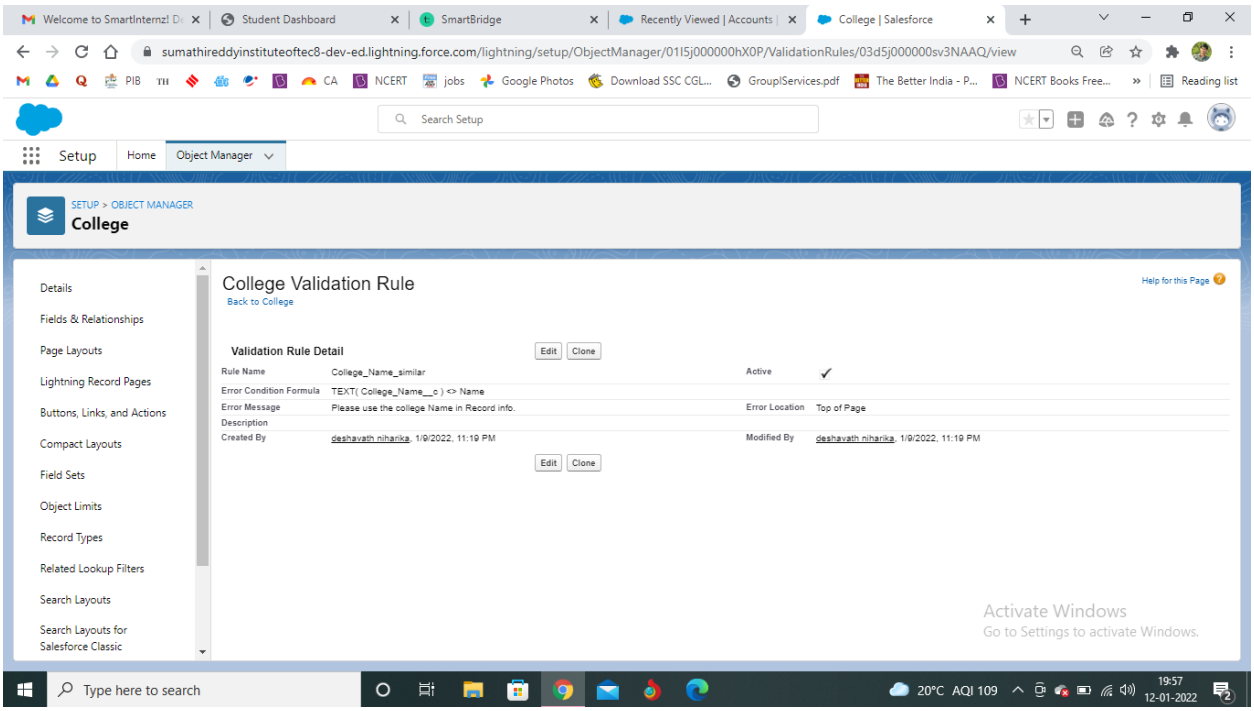
Topic: Adding Business Logic to Application

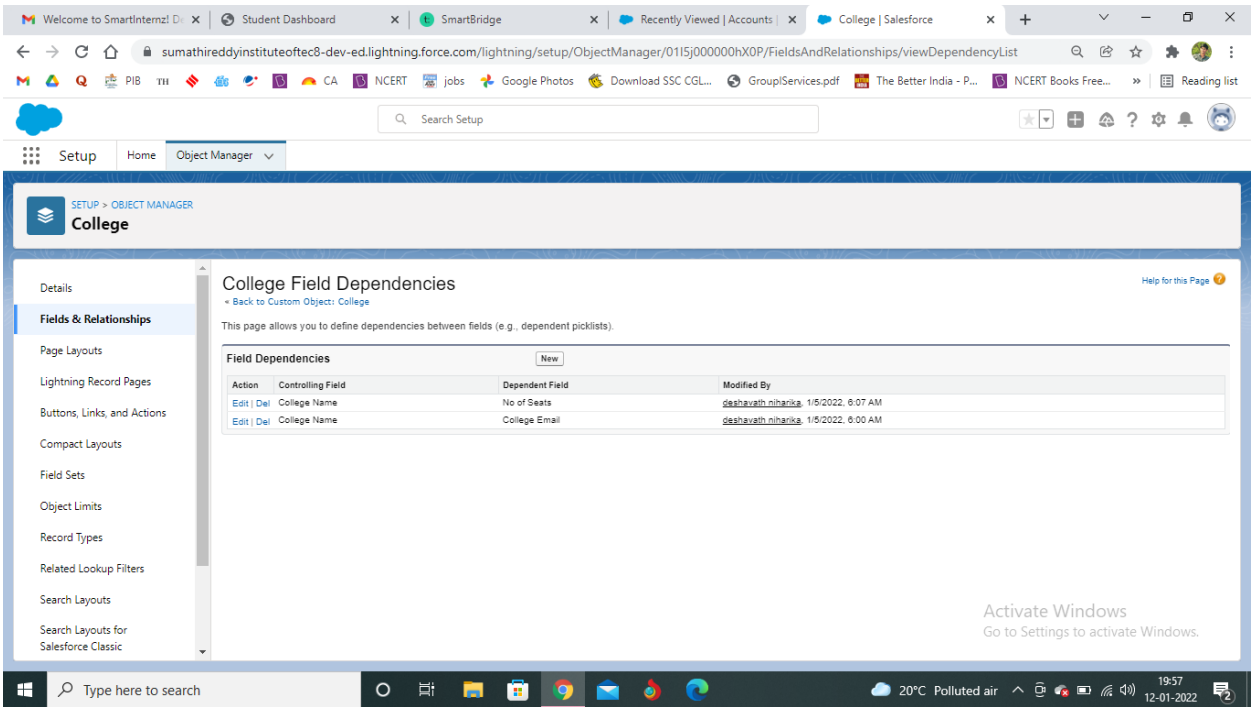
Milestone / Activities: Creating Global Picklist value set
Creating Field Dependencies
Creating Validation Rule on College Object
Process Automation

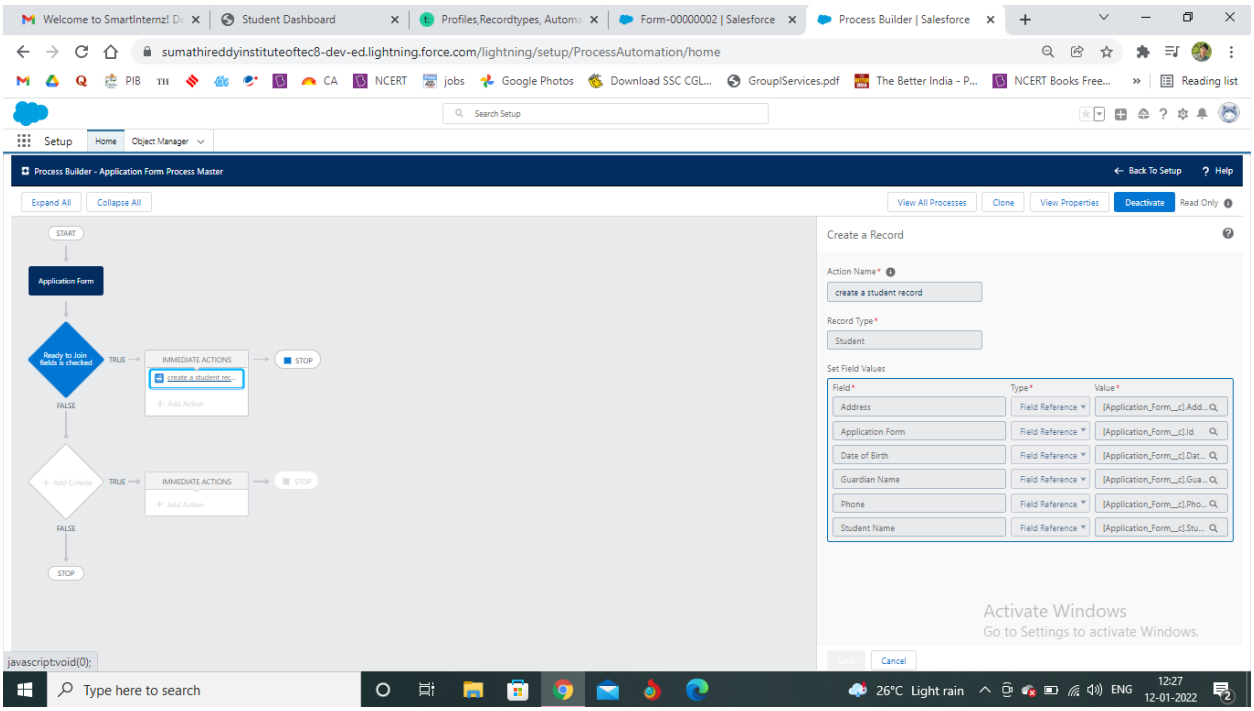
Detailed Description: First I have created global picklist value sets Setup>Quick Find box>picklist value sets>new
then I have created field dependencies ,setup>object manager>college>fields and relationship>field dependencies>new
then I have created validation rule, setup>object manger >college>validation rule>new then after I have created builder named Application Form Process master
setup>quick find box>process builder>new,created as per information given in project details

Upload the Screenshot Milestone / Activities :




Welcome to SmartInternz! D
Student Dashboard
SmartBridge
Recently Viewed | Accounts |
College | Salesforce
sumathireddyinstituteoftec8-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01I5j000000hX0P/ValidationRules/03d5j000000sv3NAAQ/view
Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
College
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
Search Layouts for Salesforce Classic
College Validation Rule
Back to College
Help for this Page
Validation Rule Detail
Edit
Clone
Rule Name
College_Name_similar
Active
Error Condition Formula
TEXT(College_Name__c) <> Name
Error Message
Please use the college Name in Record info.
Error Location
Top of Page
Description
Created By
deshavath niharika, 1/9/2022, 11:19 PM
Modified By
deshavath niharika, 1/9/2022, 11:19 PM
Activate Windows
Go to Settings to activate Windows.
Type here to search
20°C AQI 109
19:57
12-01-2022


Welcome to SmartInternz! D
Student Dashboard
SmartBridge
Recently Viewed | Accounts |
College | Salesforce
sumathireddyinstituteoftec8-dev-ed.lightning.force.com/lightning/setup/ObjectManager/01I5j000000hX0P/FieldsAndRelationships/viewDependencyList
Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
College
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
Search Layouts for Salesforce Classic
College Field Dependencies
« Back to Custom Object: College
Help for this Page
This page allows you to define dependencies between fields (e.g., dependent picklists).
Field Dependencies
New
Action
Controlling Field
Dependent Field
Modified By
Edit | Del
College Name
No of Seats
deshavath niharika, 1/5/2022, 6:07 AM
Edit | Del
College Name
College Email
deshavath niharika, 1/5/2022, 6:00 AM
Activate Windows
Go to Settings to activate Windows.
Type here to search
20°C Polluted air
19:57
12-01-2022


Welcome to SmartInternz! D
Student Dashboard
Profiles,Recordtypes, Automa
Form-00000002 | Salesforce
Process Builder | Salesforce
sumathireddyinstituteoftec8-dev-ed.lightning.force.com/lightning/setup/ProcessAutomation/home
Reading list
Search Setup
Setup
Home
Object Manager
Process Builder - Application Form Process Master
Back To Setup
Help
Expand All
Collapse All
View All Processes
Clone
View Properties
Deactivate
Read Only
START
Application Form
Ready to Join fields is checked
TRUE
IMMEDIATE ACTIONS
create a student rec...
Add Action
STOP
FALSE
Add Criteria
STOP
Create a Record
Action Name*
create a student record
Record Type*
Student
Set Field Values
Field*
Type*
Value*
Address
Application Form
Date of Birth
Guardian Name
Phone
Student Name
Field Reference
Activate Windows
Go to Settings to activate Windows.
Cancel
javascript:void(0);
Type here to search
26°C Light rain
ENG
12:27
12-01-2022

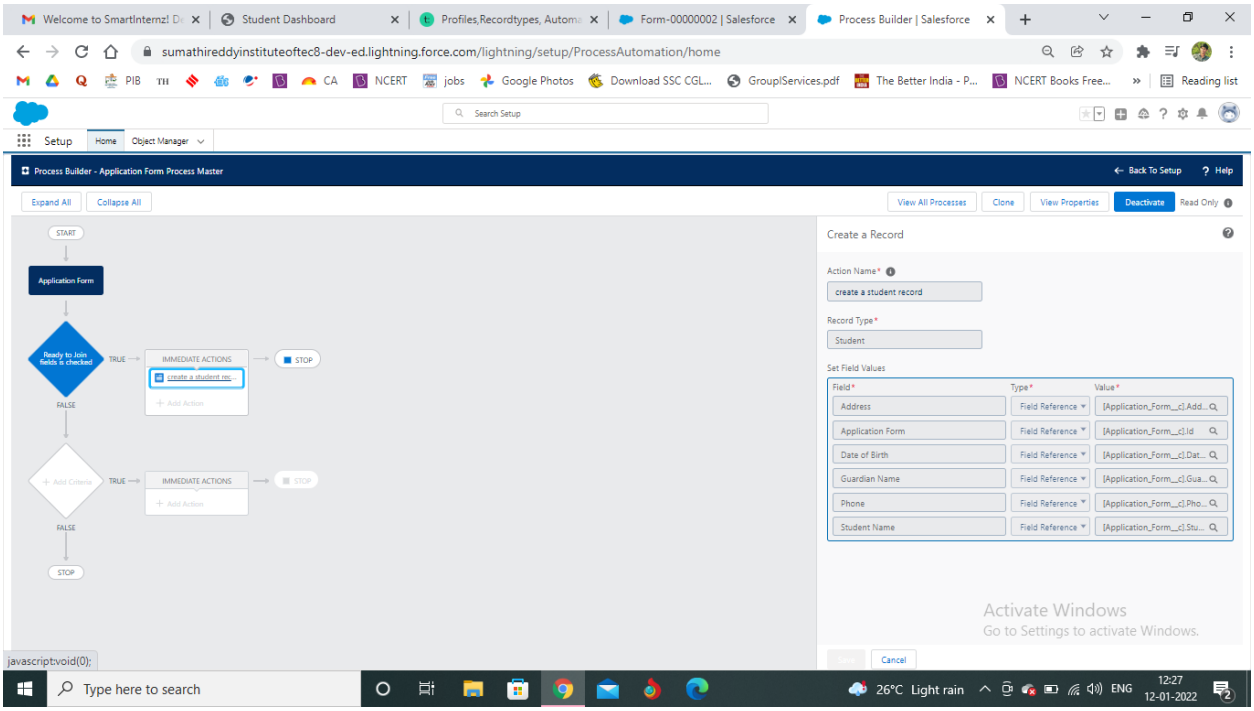
Day 4 :06/01/2022, Thursday

Topic: Process Builder

Milestone / Activities: Process Automation

Detailed Description:I have created builder named Application Form Process master setup>quick find box>process builder>new,created as per information given in project details

Upload the Screenshot the Milestone / Activities:



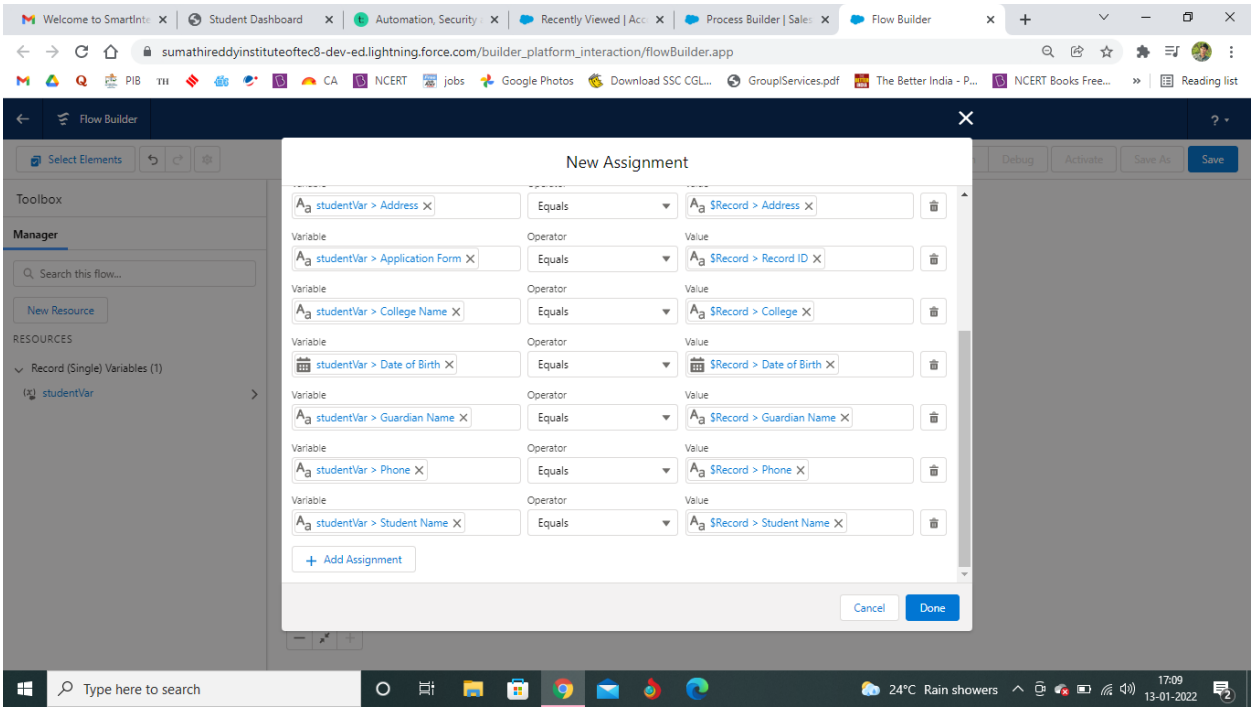
Day 5: 07/01/2022 , Friday

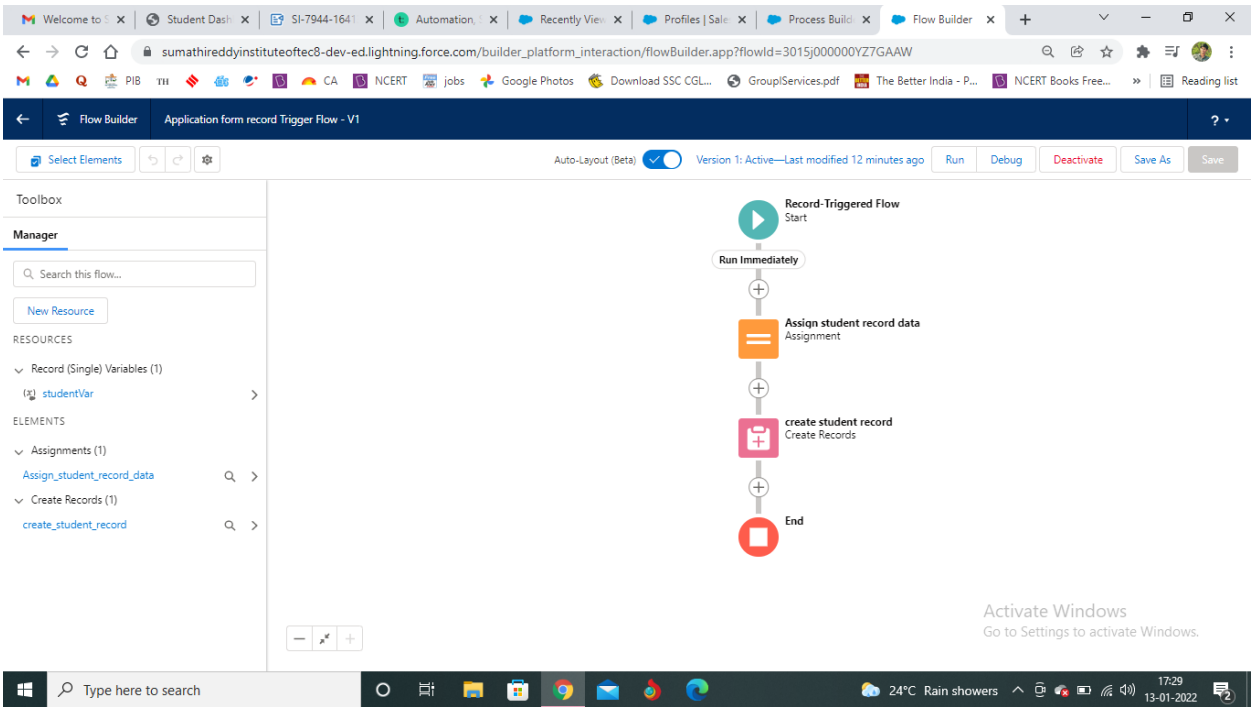
Topic: Flows

Milestone / Activities: Create the student record using flow

Detailed Description: I have created the application form record trigger flow , in that I have created a variable named student in the resource section and I add the some assignments and then created the student record.

Upload the Screenshot the Milestone / Activities:




Flow Builder
Application form record Trigger Flow - V1
Select Elements
Auto-Layout (Beta)
Version 1: Active—Last modified 12 minutes ago
Run
Debug
Deactivate
Save As
Save
Toolbox
Manager
Search this flow...
New Resource
RESOURCES
Record (Single) Variables (1)
studentVar
ELEMENTS
Assignments (1)
Assign_student_record_data
Create Records (1)
create_student_record
Record-Triggered Flow
Start
Run Immediately
Assign student record data
Assignment
create student record
Create Records
End
Activate Windows
Go to Settings to activate Windows.
Type here to search
24°C Rain showers
17:29
13-01-2022

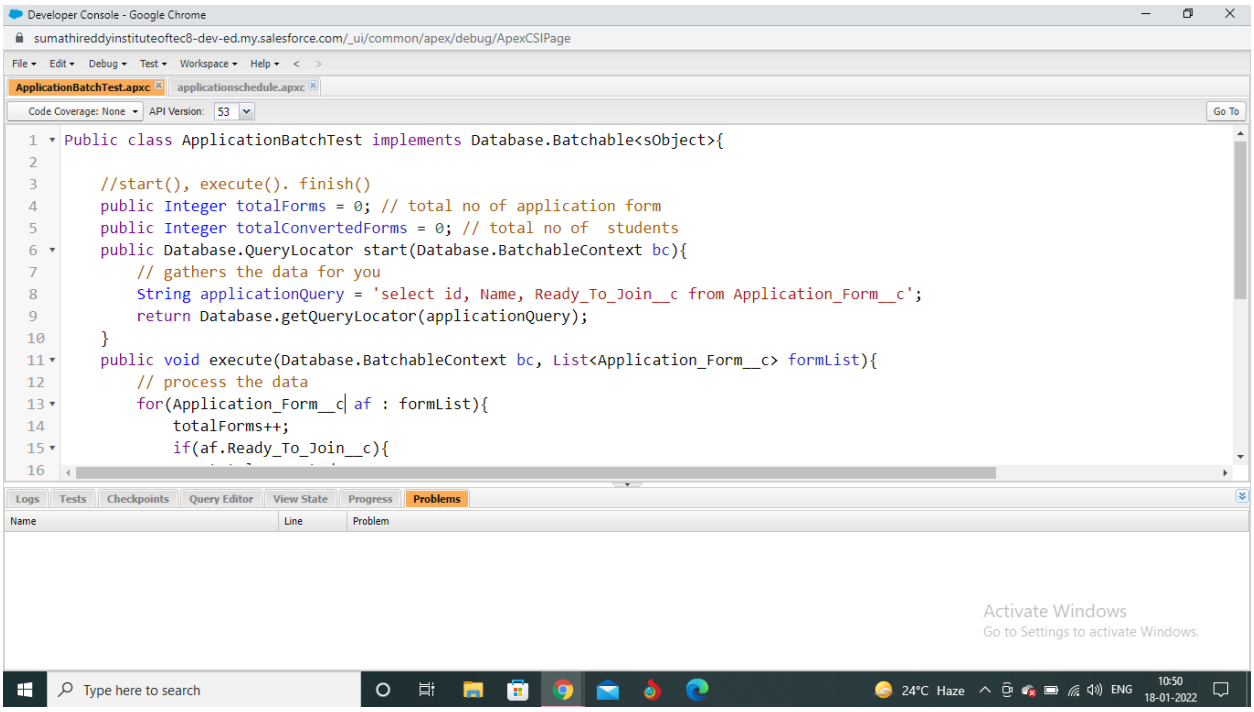
Day 6: 10/01/2022,Monday

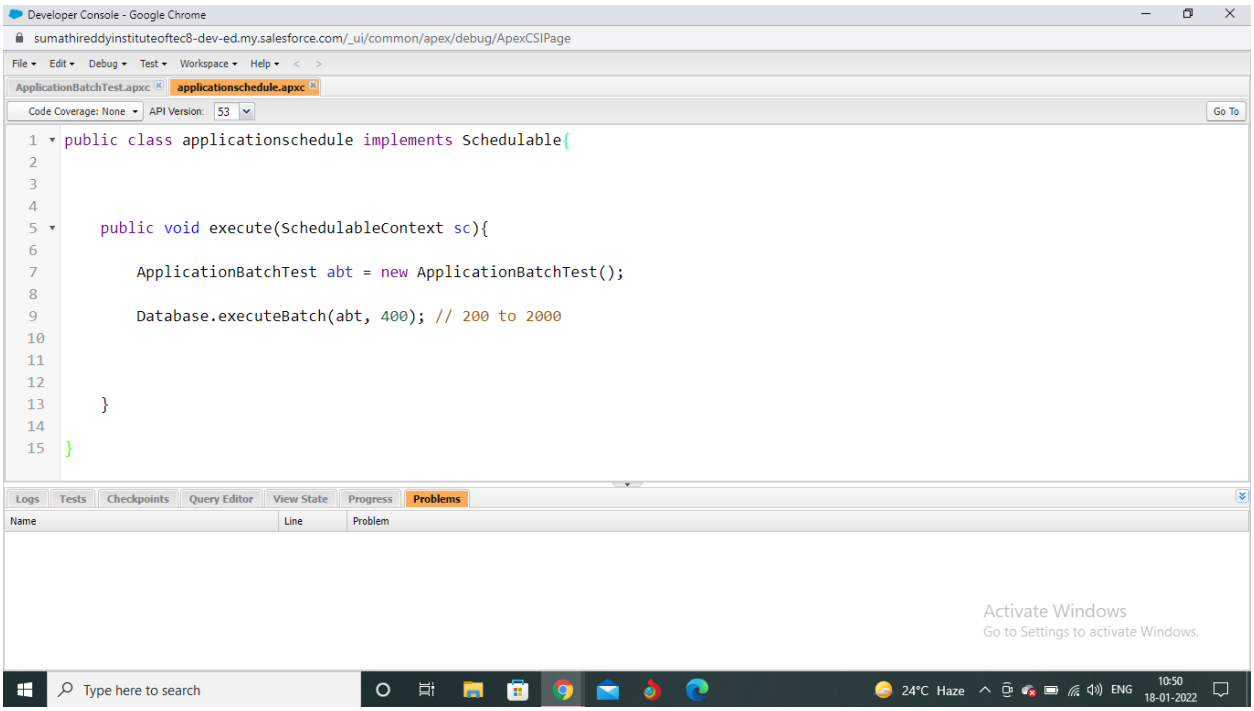
Topic: Batch Apex

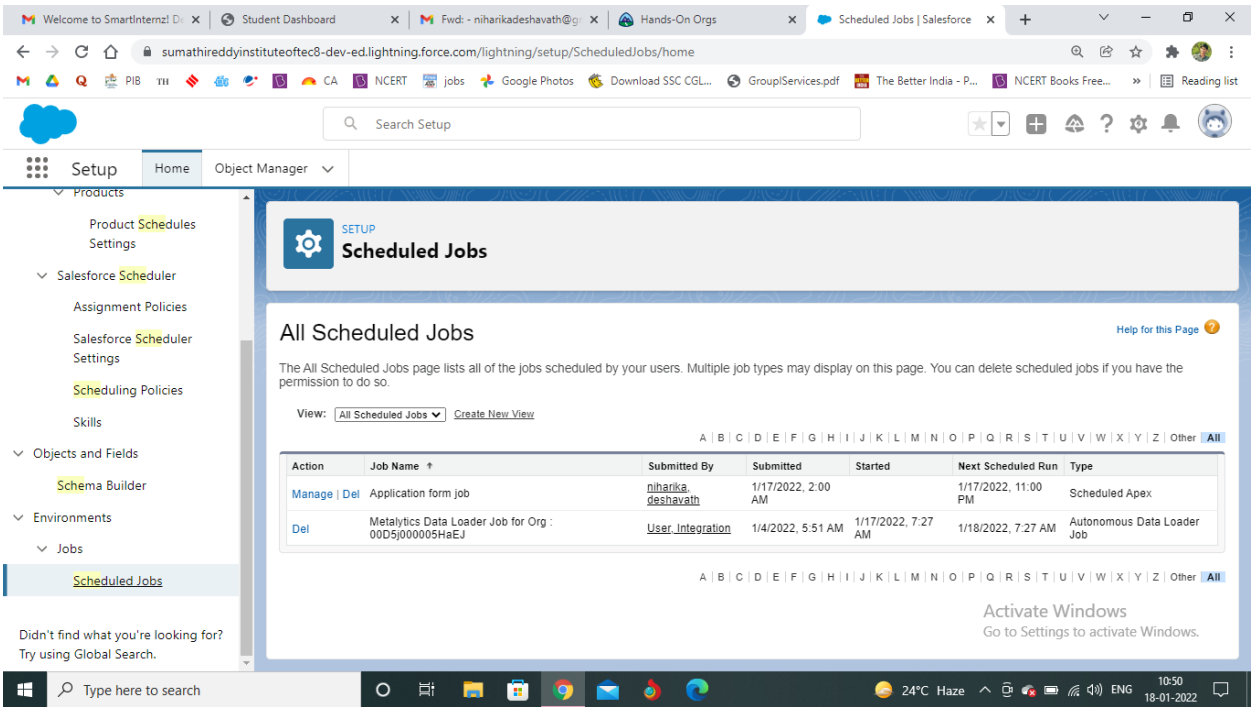
Milestone / Activities: Create a Batch apex for application form
Create a Scheduler class

Detailed Description: First I have created the batch apex for application form in developer console then I have created another class named application schedule, then after I schedule the apex setup>apex classes>schedule apex, then I excuse the code after that I received an email.

Upload the Screenshot the Milestone / Activities:




Developer Console - Google Chrome
sumathireddyinstituteoftec8-dev-ed.my.salesforce.com/_ui/common/apex/debug/ApexCSIPage
File Edit Debug Test Workspace Help
ApplicationBatchTest.apxc
applicationschedule.apxc
Code Coverage: None
API Version: 53
Go To
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 }
Logs
Tests
Checkpoints
Query Editor
View State
Progress
Problems
Name
Line
Problem
Activate Windows
Go to Settings to activate Windows.
Type here to search
24°C Haze
ENG
10:50
18-01-2022


Welcome to SmartInternz!
Student Dashboard
Fwd: - niharikadeshavath@g
Hands-On Orgs
Scheduled Jobs | Salesforce
sumathireddyinstituteoftec8-dev-ed.lightning.force.com/lightning/setup/ScheduledJobs/home
Search Setup
Setup
Home
Object Manager
Products
Product Schedules Settings
Salesforce Scheduler
Assignment Policies
Salesforce Scheduler Settings
Scheduling Policies
Skills
Objects and Fields
Schema Builder
Environments
Jobs
Scheduled Jobs
Didn't find what you're looking for?
Try using Global Search.
SETUP
Scheduled Jobs
All Scheduled Jobs
Help for this Page
The All Scheduled Jobs page lists all of the jobs scheduled by your users. Multiple job types may display on this page. You can delete scheduled jobs if you have the permission to do so.
View: All Scheduled Jobs
Create New View
Action
Job Name
Submitted By
Submitted
Started
Next Scheduled Run
Type
Manage | Del
Application form job
niharika, deshavath
1/17/2022, 2:00 AM
1/17/2022, 11:00 PM
Scheduled Apex
Del
Metalytics Data Loader Job for Org : 00D5j000005HaEJ
User, Integration
1/4/2022, 5:51 AM
1/17/2022, 7:27 AM
1/18/2022, 7:27 AM
Autonomous Data Loader Job
Activate Windows
Go to Settings to activate Windows.
Type here to search
24°C Haze
ENG
10:50
18-01-2022

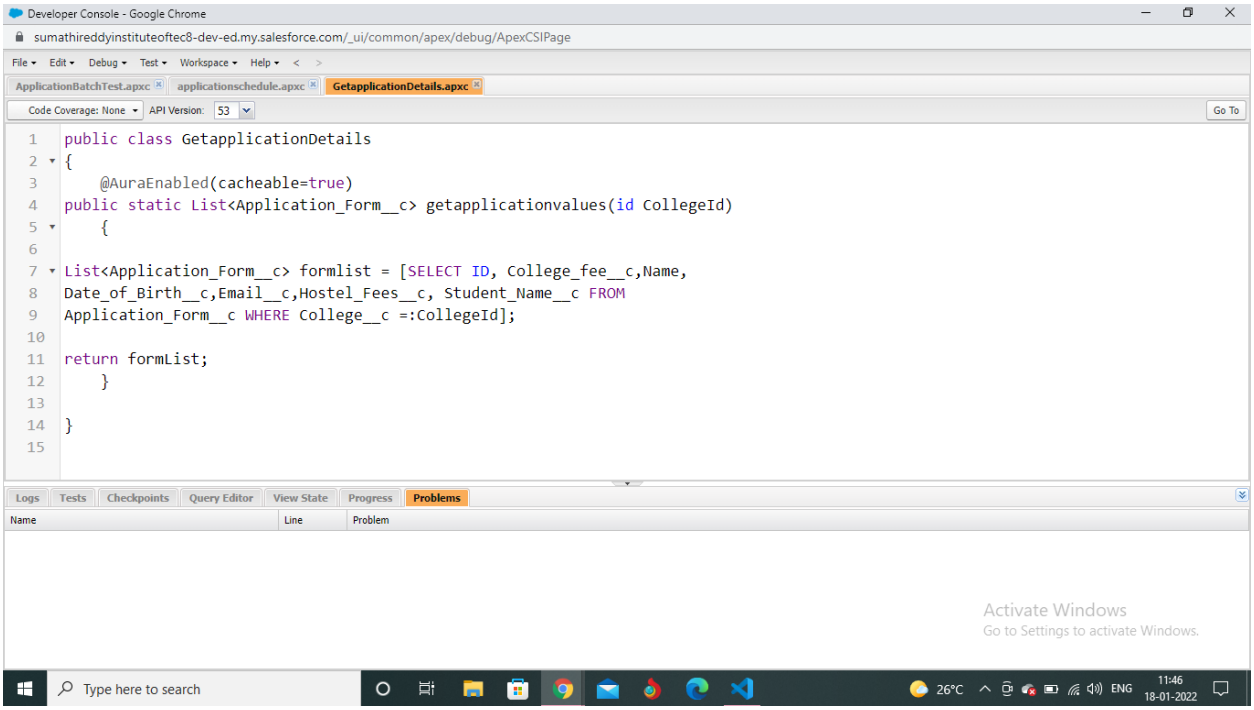
Day 10: 17/01/2022,Monday

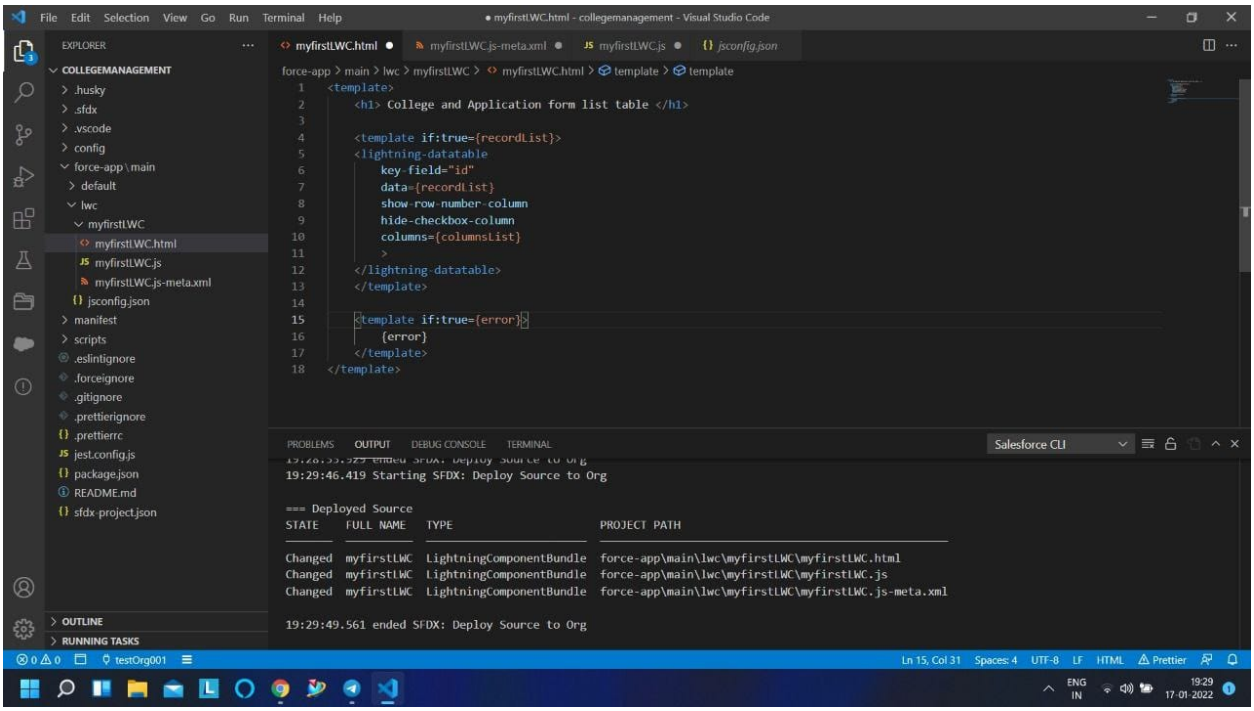
Topic: Lightning Web Components

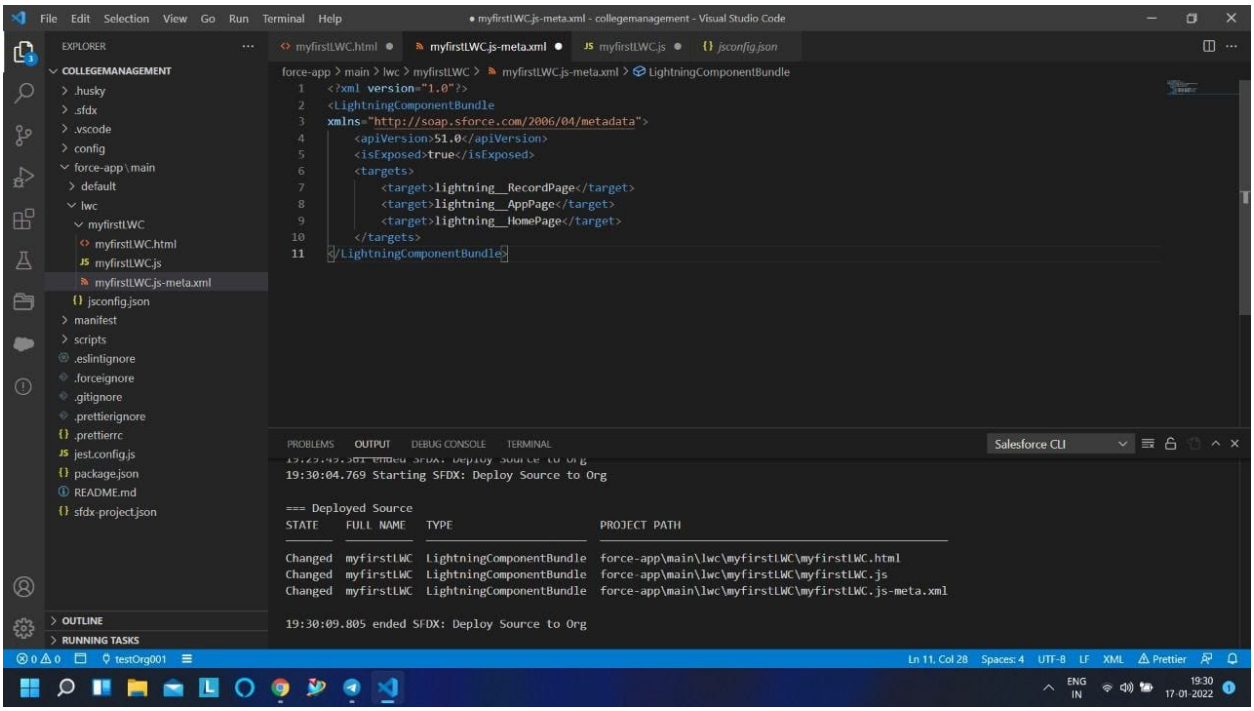
Milestone / Activities:Create College Datatable Component(APEX CLASS)
Create College Datatable Component(HTML FILE)
Create College Datatable Component(JAVA SCRIPT FILE)
Create College Datatable Component(META FILE)

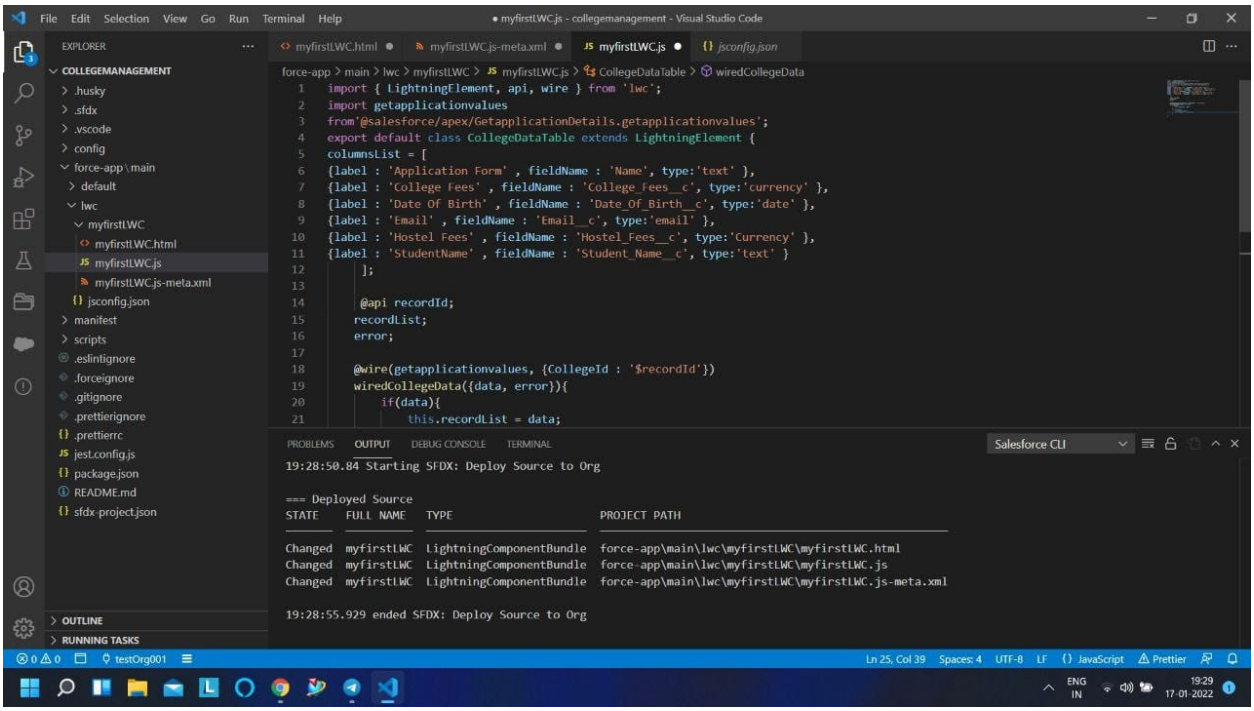
Detailed Description: First I have created college datatable components with apexclass, then I have search VS code from google and dowloand the app then I have Instal it then I have created college Datatable component(Html file) and Java Script file, Meta file then I have save the code.

Upload the Screenshot the Milestone / Activities:




File Edit Selection View Go Run Terminal Help
• myfirstLWC.html - collegemanagement - Visual Studio Code
EXPLORER
COLLEGEMANAGEMENT
.husky
.sfdx
.vscode
config
force-app\main
default
lwc
myfirstLWC
myfirstLWC.html
myfirstLWC.js
myfirstLWC.js-meta.xml
jsconfig.json
manifest
scripts
.eslintignore
.forceignore
.gitignore
.prettierignore
.prettierrc
jest.config.js
package.json
README.md
sfdx-project.json
myfirstLWC.html
myfirstLWC.js-meta.xml
myfirstLWC.js
jsconfig.json
force-app > main > lwc > myfirstLWC > myfirstLWC.html > template > template
1 <template>
2 <h1> College and Application form list table </h1>
3
4 <template if:true={recordList}>
5 <lightning-datatable
6 key-field="id"
7 data={recordList}
8 show-row-number-column
9 hide-checkbox-column
10 columns={columnsList}
11 >
12 </lightning-datatable>
13 </template>
14
15 <template if:true={error}>
16 {error}
17 </template>
18 </template>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Salesforce CLI
19:29:46.419 Starting SFDX: Deploy Source to Org
=== Deployed Source
STATE FULL NAME TYPE PROJECT PATH
Changed myfirstLWC LightningComponentBundle force-app\main\lwc\myfirstLWC\myfirstLWC.html
Changed myfirstLWC LightningComponentBundle force-app\main\lwc\myfirstLWC\myfirstLWC.js
Changed myfirstLWC LightningComponentBundle force-app\main\lwc\myfirstLWC\myfirstLWC.js-meta.xml
19:29:49.561 ended SFDX: Deploy Source to Org
OUTLINE
RUNNING TASKS
testOrg001
Ln 15, Col 31 Spaces: 4 UTF-8 LF HTML Prettier
ENG IN
19:29
17-01-2022


File Edit Selection View Go Run Terminal Help
• myfirstLWC.js-meta.xml - collegemanagement - Visual Studio Code
EXPLORER
COLLEGEMANAGEMENT
.husky
.sfdx
.vscode
config
force-app\main
default
lwc
myfirstLWC
myfirstLWC.html
myfirstLWC.js
myfirstLWC.js-meta.xml
jsconfig.json
manifest
scripts
.eslintignore
.forceignore
.gitignore
.prettierignore
.prettierrc
jest.config.js
package.json
README.md
sfdx-project.json
myfirstLWC.html
myfirstLWC.js-meta.xml
myfirstLWC.js
jsconfig.json
force-app > main > lwc > myfirstLWC > myfirstLWC.js-meta.xml > LightningComponentBundle
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>
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Salesforce CLI
19:30:04.769 Starting SFDX: Deploy Source to Org
=== Deployed Source
STATE FULL NAME TYPE PROJECT PATH
Changed myfirstLWC LightningComponentBundle force-app\main\lwc\myfirstLWC\myfirstLWC.html
Changed myfirstLWC LightningComponentBundle force-app\main\lwc\myfirstLWC\myfirstLWC.js
Changed myfirstLWC LightningComponentBundle force-app\main\lwc\myfirstLWC\myfirstLWC.js-meta.xml
19:30:09.805 ended SFDX: Deploy Source to Org
OUTLINE
RUNNING TASKS
testOrg001
Ln 11, Col 28 Spaces: 4 UTF-8 LF XML Prettier
ENG IN
19:30
17-01-2022


File Edit Selection View Go Run Terminal Help
• myfirstLWC.js - collegemanagement - Visual Studio Code
EXPLORER
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OUTLINE
RUNNING TASKS
myfirstLWC.html
myfirstLWC.js-meta.xml
myfirstLWC.js
jsconfig.json
force-app > main > lwc > myfirstLWC > myfirstLWC.js > CollegeDataTable > wiredCollegeData
1 import { LightningElement, api, wire } from 'lwc';
2 import getapplicationvalues
3 from'@salesforce/apex/GetapplicationDetails.getapplicationvalues';
4 export default class CollegeDataTable extends LightningElement {
5 columnsList = [
6 {label : 'Application Form' , fieldName : 'Name', type:'text' },
7 {label : 'College Fees' , fieldName : 'College_Fees__c', type:'currency' },
8 {label : 'Date Of Birth' , fieldName : 'Date_Of_Birth__c', type:'date' },
9 {label : 'Email' , fieldName : 'Email__c', type:'email' },
10 {label : 'Hostel Fees' , fieldName : 'Hostel_Fees__c', type:'Currency' },
11 {label : 'StudentName' , fieldName : 'Student_Name__c', type:'text' }
12];
13
14 @api recordId;
15 recordList;
16 error;
17
18 @wire(getapplicationvalues, {CollegeId : '$recordId'})
19 wiredCollegeData({data, error}){
20 if(data){
21 this.recordList = data;
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Salesforce CLI
19:28:50.84 Starting SFDX: Deploy Source to Org
=== Deployed Source
STATE FULL NAME TYPE PROJECT PATH
Changed myfirstLWC LightningComponentBundle force-app\main\lwc\myfirstLWC\myfirstLWC.html
Changed myfirstLWC LightningComponentBundle force-app\main\lwc\myfirstLWC\myfirstLWC.js
Changed myfirstLWC LightningComponentBundle force-app\main\lwc\myfirstLWC\myfirstLWC.js-meta.xml
19:28:55.929 ended SFDX: Deploy Source to Org
testOrg001
Ln 25, Col 39 Spaces: 4 UTF-8 LF JavaScript Prettier
ENG IN
19:29 17-01-2022