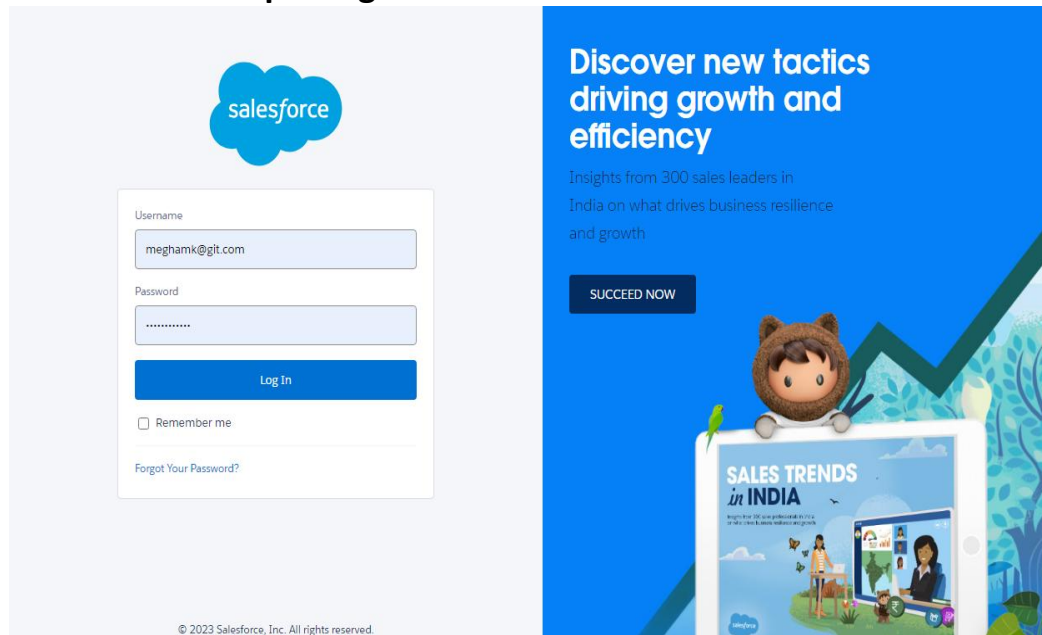


Salesforce Project - Candidate Internal Result Card

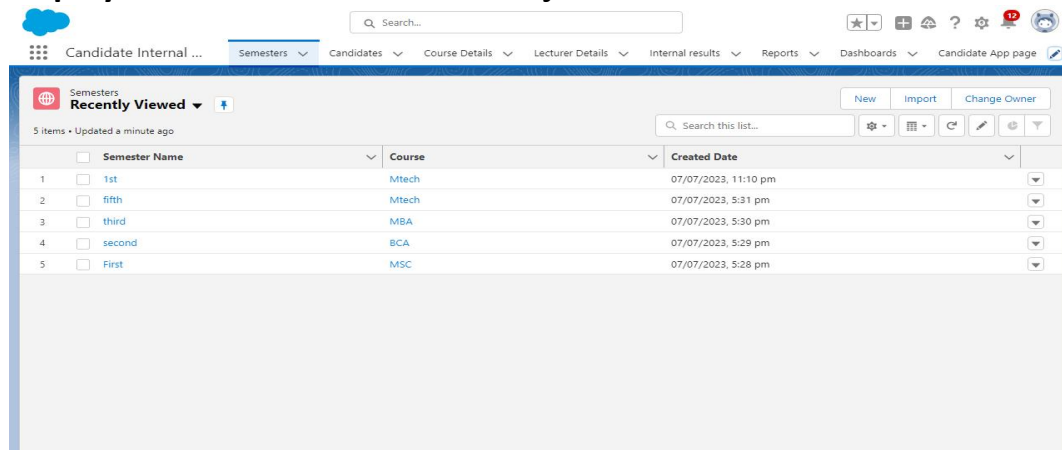
1. Login Page

Created a developer org in salesforce



2. Creation of Custom Objects

Created Custom Objects as Semester, Candidate, Course Details, Lecturer Details and Internal results also Created Custom object tabs displays data related to custom objects.



3. Lightning APP Created as Candidate Internal Result Card

The screenshot shows the Salesforce Lightning App interface for the 'Candidate Internal Result Card' app. The app is listed in the 'Apps' section on the left sidebar. The main view displays a table of records with columns for 'Course' and 'Created Date'.

Course	Created Date
Mtech	07/07/2023, 11:10 pm
Mtech	07/07/2023, 5:31 pm
MBA	07/07/2023, 5:30 pm
BCA	07/07/2023, 5:29 pm
MSC	07/07/2023, 5:28 pm

4. Fields And Relationships

Object - Semester : Created Fields as semester name and course (lookup field)

The screenshot shows the Salesforce Setup page for the 'Semester' object. The 'Fields & Relationships' section is active, displaying a table of fields and their relationships.

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Course	Course__c	Lookup(Course Details)		✓
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Semester Name	Name	Text(80)		✓

Object - Candidate : Created Fields as candidate, candidate roll number and semester name(lookup field)

Setup Home Object Manager

Search Setup

SETUP > OBJECT MANAGER

Candidate

Details

Fields & Relationships
6 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Candidate Name	Name	Text(80)		✓
Candidate Roll Number	Candidate_Roll_Number__c	Auto Number		
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Semester Name	Semester_Name__c	Lookup(Semester)		✓

Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout

Object - Lecturer Details : Created Fields as lecturer name, lecturer role and course(lookup field)

Setup Home Object Manager

Search Setup

SETUP > OBJECT MANAGER

Lecturer Details

Details

Fields & Relationships
6 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Course	Course__c	Lookup(Course Details)		✓
Created By	CreatedById	Lookup(User)		
Last Modified By	LastModifiedById	Lookup(User)		
Lecturer Name	Name	Text(80)		✓
Lecturer Role	Lecturer_Role__c	Text(40)		
Owner	OwnerId	Lookup(User,Group)		✓

Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout

Object - Course Details : Created Fields as course name and duration

Setup Home Object Manager

Search Setup

SETUP > OBJECT MANAGER

Course Details

Details

Fields & Relationships
5 Items, Sorted by Field Label

Quick Find New Deleted Fields Field Dependencies Set History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Course Name	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Duration	Duration__c	Number(1, 2)		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓

Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
List View Button Layout

Object - Internal Results : Created Fields as candidate (lookup field), Candidate Roll Numer (formula), course (lookup field), Internal Name, marks and status

The screenshot shows the 'Internal results' object in the Salesforce Object Manager. The 'Fields & Relationships' tab is selected, displaying a list of 9 fields. The fields are:

Field Name	Field Label	Field Type	Required	Visible
Candidate	Candidate__c	Lookup(Candidate)	Yes	Yes
Candidate Roll Number	Candidate_Roll_Number__c	Formula (Text)	Yes	Yes
Course	Course__c	Lookup(Course Details)	Yes	Yes
Created By	CreatedById	Lookup(User)	Yes	Yes
Internal results Name	Name	Text(80)	Yes	Yes
Last Modified By	LastModifiedById	Lookup(User)	Yes	Yes
Marks	Marks__c	Number(4, 2)	Yes	Yes
Owner	OwnerId	Lookup(User, Group)	Yes	Yes
Status	Status__c	Text(4)	Yes	Yes

5. Creating a New User

Adding a New User under users as the First Name, Class, Last Name, Teacher

The screenshot shows the 'Users' page in the Salesforce Setup. The 'All Users' tab is selected, displaying a list of users. The users are:

Action	Full Name	Alias	Username	Role	Active	Profile
Edit	Chatter Expert	Chatter	chally_00d200000000bjeaac.dqbozh2vt163@chatter.salesforce.com		Yes	Chatter Free User
Edit	Kotharkar, Megha	MKoth	meghamk@gmail.com		Yes	System Administrator
Edit	Teacher, Class	cleac	meghakotharkar@gmail.com		Yes	Standard User
Edit	User, Integration	inteo	integration@00d200000000bjeaac.com		Yes	Analytics Cloud Integration User
Edit	User, Security	sec	insightsecurity@00d200000000bjeaac.com		Yes	Analytics Cloud Security User

6. Created Records for Every Objects

For Semester Object Records are created

Search...

Candidate Internal ... Semesters Candidates Course Details Lecturer Details Internal results Reports Dashboards Candidate App page

Semesters Recently Viewed 5 items • Updated a few seconds ago

New Import Change Owner

Search this list...

	Semester Name	Course	Created Date
1	1st	Mtech	07/07/2023, 11:10 pm
2	fifth	Mtech	07/07/2023, 5:31 pm
3	third	MBA	07/07/2023, 5:30 pm
4	second	BCA	07/07/2023, 5:29 pm
5	First	MSC	07/07/2023, 5:28 pm

For Candidate Object Records are created

Search...

Candidate Internal ... Semesters Candidates Course Details Lecturer Details Internal results Reports Dashboards Candidate App page

Candidates Recently Viewed 3 items • Updated a few seconds ago

New Import Change Owner

Search this list...

	Candidate Name	Candidate Roll Number	Semester Name	Created By
1	reti	CAD-003	1st	Megha Kotharkar
2	divya	CAD-002		Megha Kotharkar
3	aisha	CAD-001	1st	Megha Kotharkar

For Lecturer Details Object Records are created

Search...

Candidate Internal ... Semesters Candidates Course Details Lecturer Details Internal results Reports Dashboards Candidate App page

Lecturer Details Recently Viewed 4 items • Updated a few seconds ago

New Import Change Owner

Search this list...

	Lecturer Name	Lecturer Role	Course	Created Date
1	deva	theory	BCA	21/07/2023, 12:03 am
2	sera	theory	Mtech	21/07/2023, 12:02 am
3	jivika	practical	MCA	21/07/2023, 12:01 am
4	xyz	zzzz	MSC	07/07/2023, 11:09 pm

For Course Details Object Records are created

Course Details

Recently Viewed

6 items • Updated a few seconds ago

<input type="checkbox"/>	Course Name	Duration	Created Date
1 <input type="checkbox"/>	cda	3.00	07/07/2023, 11:08 pm
2 <input type="checkbox"/>	Mtech	3.00	07/07/2023, 5:30 pm
3 <input type="checkbox"/>	MSC	3.00	07/07/2023, 1:58 am
4 <input type="checkbox"/>	BCA	3.00	07/07/2023, 1:57 am
5 <input type="checkbox"/>	MCA	2.00	07/07/2023, 1:57 am
6 <input type="checkbox"/>	MBA	1.00	07/07/2023, 1:56 am

For Internal Results Object Records are created

Internal results

Recently Viewed

4 items • Updated a few seconds ago

<input type="checkbox"/>	Internal Name	Candidate Roll Nu...	Candidate	Course	Marks	Status	Created Date
1 <input type="checkbox"/>	i2	CAD-002	divya	MCA	300.00	Pass	21/07/2023, 12:11 am
2 <input type="checkbox"/>	i1	CAD-003	reti	Mtech	290.00	Pass	21/07/2023, 12:10 am
3 <input type="checkbox"/>	i2	CAD-002	divya	Mtech	210.00	Pass	07/07/2023, 11:38 pm
4 <input type="checkbox"/>	i1	CAD-001	aisha	Mtech	100.00	fail	07/07/2023, 11:13 pm

7. Generating Reports for Displaying Course name and Course duration

Report: Semesters with Course

Report Name: Candidate Internal Result Report

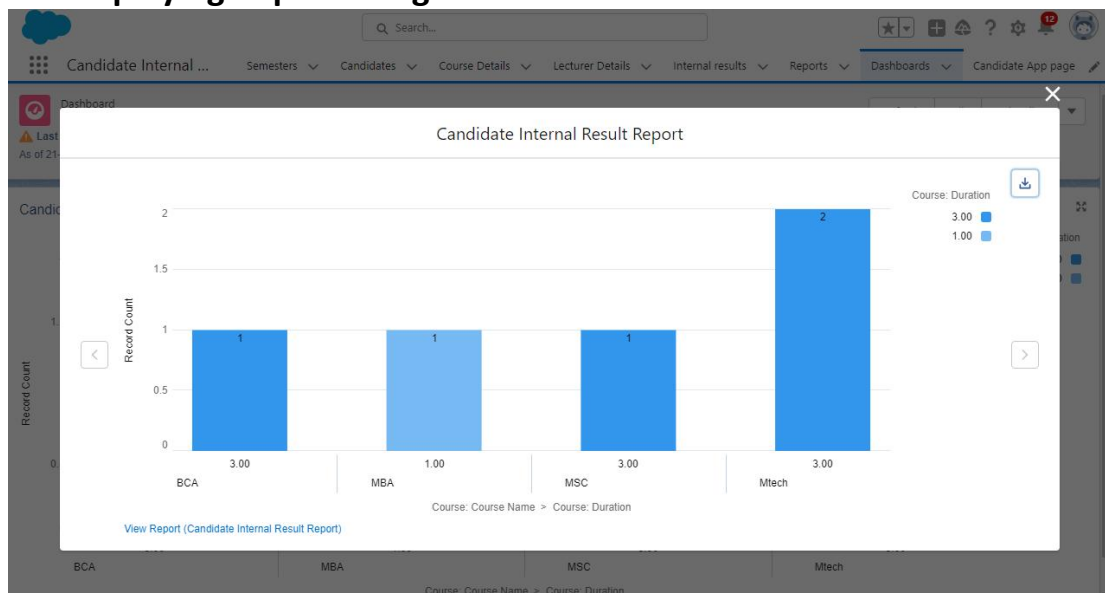
Report: Semesters with Course
Candidate Internal Result Report

Total Records: 5

Course: Course Name	Course: Duration	1.00	3.00	Total
<input type="checkbox"/> BCA	Record Count	0	1	1
<input type="checkbox"/> MBA	Record Count	1	0	1
<input type="checkbox"/> MSC	Record Count	0	1	1
<input type="checkbox"/> Mtech	Record Count	0	2	2
Total	Record Count	1	4	5

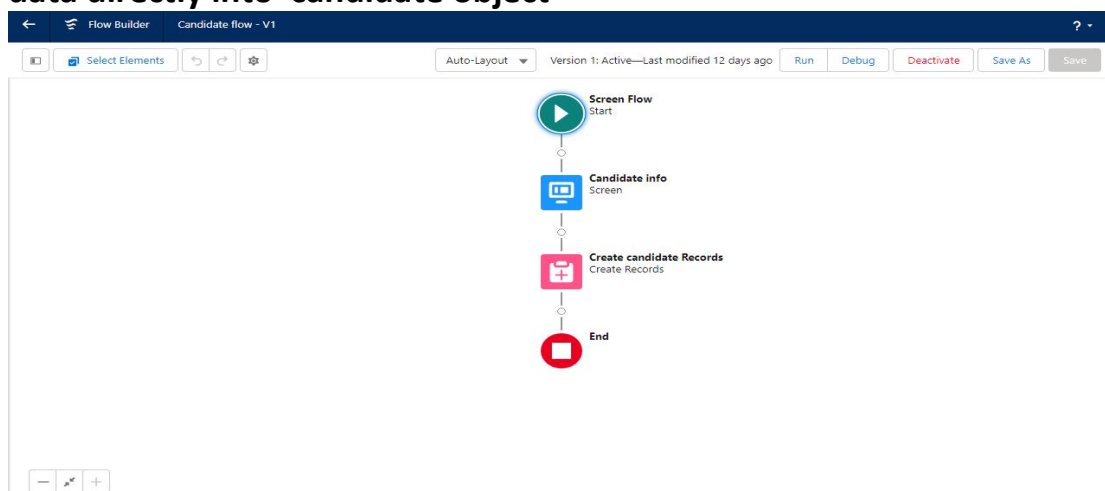
Row Counts ☒ Detail Rows ☐ Grand Total ☒ Stacked Summaries ☒

8. Displaying Report using Dashboard



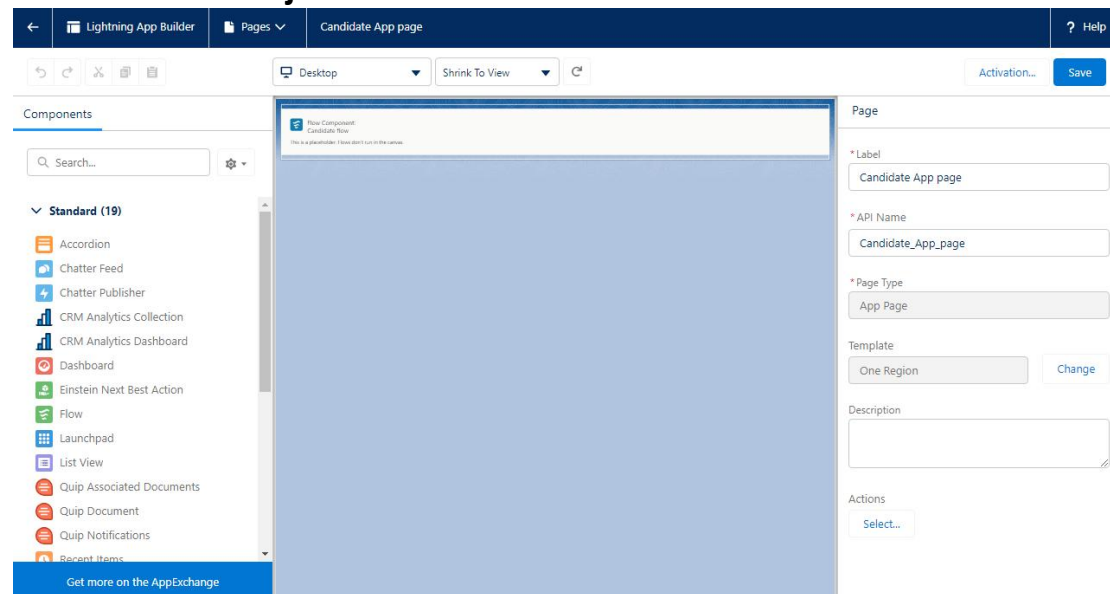
9. Flow

Screen Flow is used to provide an user interface to store candidate data directly into candidate object



10. Lightning APP Builder

Using Lightning App Builder candidate app page is created. Screen Flow is placed inside the App Page so that it directly stores candidate info into candidate object



Candidate APP Page

