

Apex Assignment Solution

Student Object

The screenshot shows the Salesforce Setup interface for the 'Student' object. The left sidebar contains a 'Details' section with a list of configuration options. The main content area displays the 'Details' for the 'Student' object, including its API Name, Custom status, Singular Label, Plural Label, and various system settings.

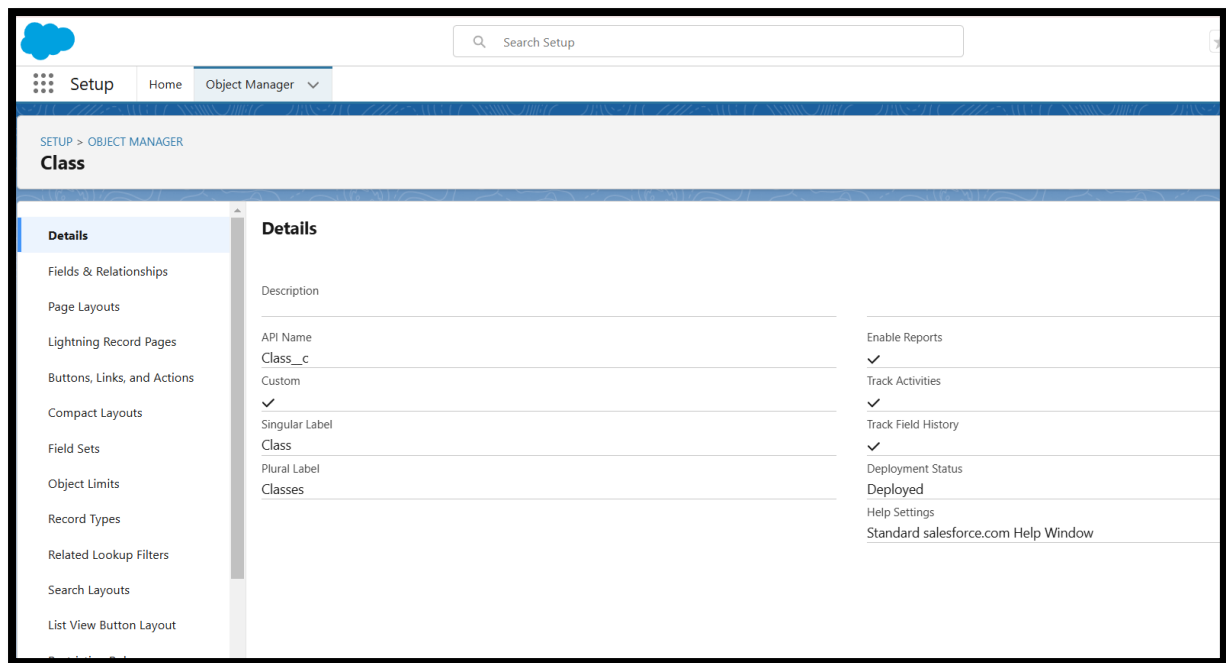
Details	
Description	
API Name	Student__c
Custom	✓
Singular Label	Student
Plural Label	Students
Enable Reports	✓
Track Activities	✓
Track Field History	✓
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

Professor Object

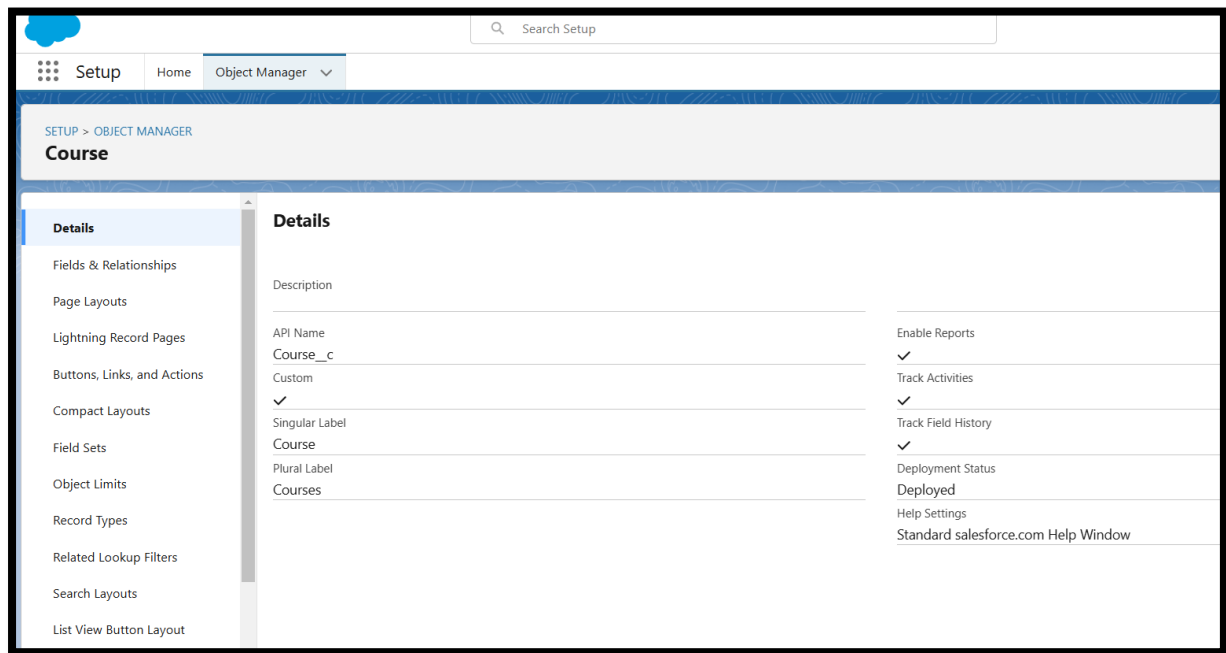
The screenshot shows the Salesforce Setup interface for the 'Professor' object. The left sidebar contains a 'Details' section with a list of configuration options. The main content area displays the 'Details' for the 'Professor' object, including its API Name, Custom status, Singular Label, Plural Label, and various system settings.

Details	
Description	
API Name	Professor__c
Custom	✓
Singular Label	Professor
Plural Label	Professors
Enable Reports	✓
Track Activities	✓
Track Field History	✓
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

Class Object



Course Object



StudentCourseRegistration Object

SETUP > OBJECT MANAGER

StudentCourseRegistration

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

List View Button Layout

Details

Description

API Name
StudentCourseRegistration__c

Custom
✓

Singular Label
StudentCourseRegistration

Plural Label
StudentCourseRegistrations

Enable Reports
✓

Track Activities
✓

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

ProfessorCourseAssignment Object

SETUP > OBJECT MANAGER

ProfessorCourseAssignment

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

List View Button Layout

Restriction Rules

Details

Description

API Name
ProfessorCourseAssignment__c

Custom
✓

Singular Label
ProfessorCourseAssignment

Plural Label
ProfessorCourseAssignments

Enable Reports
✓

Track Activities
✓

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Setup

Home

Object Manager

Search Setup

Star

Plus

Refresh

Help

SETUP > OBJECT MANAGER

Class

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

List View Button Layout

Restriction Rules

Fields & Relationships

6 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Class Name	Name	Text(80)		✓
Class Teacher	Class_Teacher__c	Lookup(Professor)		✓
Created By	CreatedById	Lookup(User)		
Currency	CurrencyIsoCode	Picklist		
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓

Setup

Home

Object Manager

Search Setup

Star

Plus

Refresh

Help

SETUP > OBJECT MANAGER

StudentCourseRegistration

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

List View Button Layout

Restriction Rules

Fields & Relationships

6 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Course	Course__c	Master-Detail(Course)		✓
Created By	CreatedById	Lookup(User)		
Currency	CurrencyIsoCode	Picklist		
Last Modified By	LastModifiedById	Lookup(User)		
Student	Student__c	Master-Detail(Student)		✓
StudentCourseRegistration Name	Name	Text(80)		✓

SETUP

Object Manager

Professor Validation Rule

[Back to Professor](#)

Validation Rule Detail

Edit

Clone

Rule Name	Number_of_Courses_Taught	Active	✓
Error Condition Formula	Number_of_Courses_Assigned__c <= 4		
Error Message	Professor can't have more than 4 Courses	Error Location	Top of Page
Description			
Created By	Puja Kumari, 23/01/2025, 9:27 pm	Modified By	Puja Kumari, 23/01/2025, 9:27 pm

Edit

Clone

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Course

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

List View Button Layout

Restriction Rules

Scoping Rules

Fields & Relationships

10 Items, Sorted by Field Label

Q Quick Find

New

Deleted Fields

Field Dependencies

Set

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Course Name	Name	Text(80)		✓
Created By	CreatedById	Lookup(User)		
Currency	CurrencyIsoCode	Picklist		
End Date	End_Date__c	Date		
Last Modified By	LastModifiedById	Lookup(User)		
Number of Students Registered	Number_of_Students_Registered__c	Roll-Up Summary (COUNT StudentCourseRegistration)		
Owner	OwnerId	Lookup(User,Group)		✓
Priority	Priority__c	Picklist		
Start Date	Start_Date__c	Date		
Total Attendance Required	Total_Attendance_Required__c	Number(18, 0)		

SETUP > OBJECT MANAGER

ProfessorCourseAssignment

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

Fields & Relationships

6 Items, Sorted by Field Label

Q Quick Find

New

Deleted Fields

Field Dependencies

Set

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Course	Course__c	Master-Detail(Course)		✓
Created By	CreatedById	Lookup(User)		
Currency	CurrencyIsoCode	Picklist		
Last Modified By	LastModifiedById	Lookup(User)		
Professor	Professor__c	Master-Detail(Professor)		✓
ProfessorCourseAssignment Name	Name	Text(80)		✓

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

Student Validation Rule

[Back to Student](#)

Validation Rule Detail

EditClone

Rule Name	Student_Validation_Rule	Active	✓
Error Condition Formula	Number_of_Courses__c <= 8		
Error Message	Student can't pursue more than 8 Courses	Error Location	Top of Page
Description			
Created By	Puja Kumari, 23/01/2025, 9:24 pm	Modified By	Puja Kumari, 23/01/2025, 9:24 pm

EditClone

StudentCourseRegistrations

Recently Viewed

7 items • Updated a few seconds ago

StudentCourseRegistration Name

1 seven

2 Six

3 Nidhi

4 Four

5 Three

6 Two

7 One

New StudentCourseRegistration

* = Required Information

Information

* StudentCourseRegistration Name

Seven

* Student

Puja

* Course

Data Science

Currency

INR - Indian Rupee

We hit a snag.

Review the errors on this page.

Student can't pursue more than 8 Courses

Cancel

Save & New

Save

Student

Puja

Related

Details

Student Name

Puja

Email

puja@gmail.com

Phone

2323434

Number_of_Courses

7

Owner

Puja Kumari

Currency

INR - Indian Rupee

Created By

Puja Kumari, 23/01/2025, 11:04 pm

Last Modified By

Puja Kumari, 23/01/2025, 11:14 pm

Activity

Upcoming

No past activity

ProfessorCourseAssignment

Three

Related

Details

ProfessorCourseAssignment Name

Three

Professor

Vikash

Course

High Priority MuleSoft

Created By

Puja Kumari, 23/01/2025, 11:30 pm

New ProfessorCourseAssignment

* = Required Information

Information

* ProfessorCourseAssignment Name

Four

* Professor

Vikash

* Course

High Prio

Currency

INR - Indian Rupee

We hit a snag.

Review the errors on this page.

Professor can't have more than 4 Courses

Cancel

Save & New

Save

Service

Home

Chatter

Accounts

Contacts

Cases

Reports

Dashboards

Wallets

Bills

Users

Courses

Professor

Vikash

Related

Details

Professor Name

Vikash

Number_of_Courses_Assigned

3

Created By

Puja Kumari, 23/01/2025, 11:29 pm

Owner

Puja Kumari

Currency

INR - Indian Rupee

Last Modified By

Puja Kumari, 23/01/2025, 11:30 pm

Activit

Upco

No pas

Service

HomeChatterAccountsContactsCasesReportsDashboardsWalletsBillsUsersCourses

Course

High Priority MuleSoft

Related

Details

Course Name

High Priority MuleSoft

Owner

Puja Kumari

Priority

High

Currency

INR - Indian Rupee

Start Date

07/01/2025

End Date

11/01/2025

Total Attendance Required

70

Number of Students Registered

2

Created By

Puja Kumari

, 23/01/2025, 11:13 pm

Last Modified By

Puja Kumari

, 23/01/2025, 11:44 pm

Activity

Upcoming & Overdue

No past activity. Past meetings a

Class

Ten

New Contact

Related

Details

Class Name

Ten

Owner

Puja Kumari

Class Teacher

Vikash

Currency

INR - Indian Rupee

Created By

Puja Kumari

, 23/01/2025, 11:37 pm

Last Modified By

Puja Kumari

, 23/01/2025, 11:37 pm

Activity

Upcoming & Overdue

No activity. Get started by sending an

No past activity. Past meetings a

Summary:

Object	Relationships	Custom Fields
Student	StudentCourseRegistration (Many-to-Many with Course)	
Professor	ProfessorCourseAssignment (Many-to-Many with Course)	
Course	StudentCourseRegistration, ProfessorCourseAssignment, Class	Start Date, End Date, Total Attendance Required, Rollup Summary
Class	Course (Lookup), Professor (Lookup)	