

Smart Student Enrollment & Progress Tracker

Problem Statement

Currently, the student enrollment process is completely manual. Students have to physically submit forms or email their requests. They cannot track the status of their enrollment, leading to confusion and delays. Faculty members must manually review and approve requests, which is time-consuming. There is also no proper reporting mechanism for administrators to monitor student progress or enrollment statistics.

Phase 1 — Problem Understanding

The first phase focuses on clearly understanding the problem we are solving. We defined the issue, wrote user stories, and drew a simple process flow.

- Problem Statement: Enrollment is manual, students can't track progress, and there is no reporting for Admin.
- User Stories: 1) As a Student, I want to request enrollment in a course so I can participate. 2) As a Faculty member, I want to approve/reject enrollment requests so that only eligible students are enrolled. 3) As an Admin, I want to see reports of student enrollment and progress to monitor performance.
- Process Flow Diagram: Student → Enrollment Request → Faculty Approval → Enrollment Status Updated → Admin Reporting.

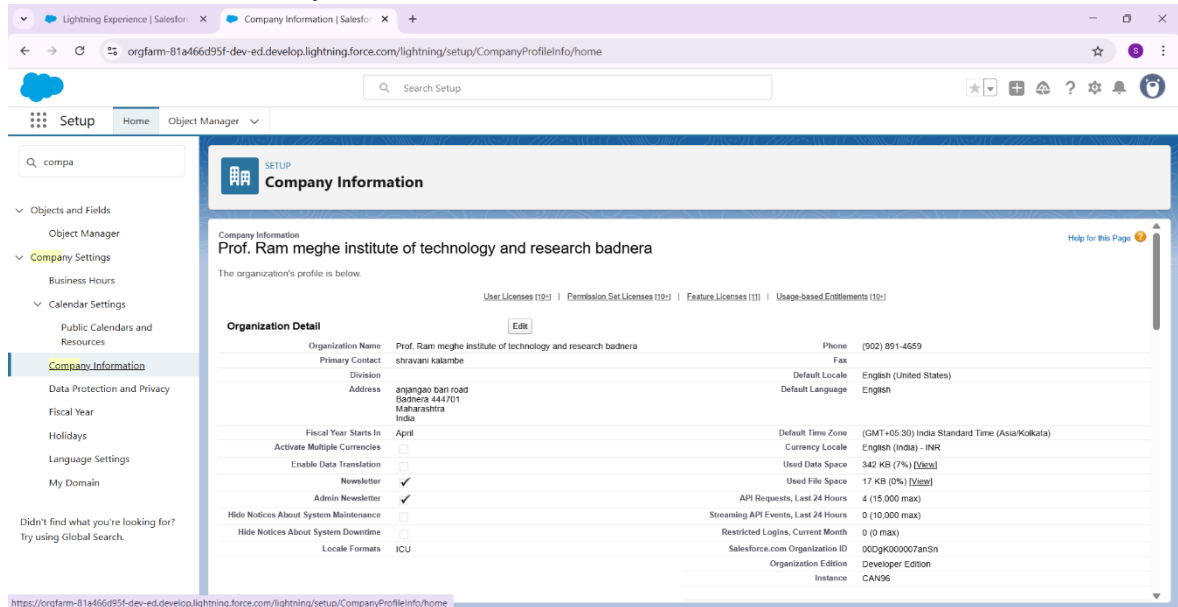
Verification:

We confirmed that we could explain the problem in two clear sentences and had a process diagram ready. This ensures the team fully understands the goal before starting development.

Phase 2 — Org Setup & Security

The second phase involves preparing the Salesforce org to support our solution. This includes setting up organization details, business hours, holidays, roles, profiles, and security settings.

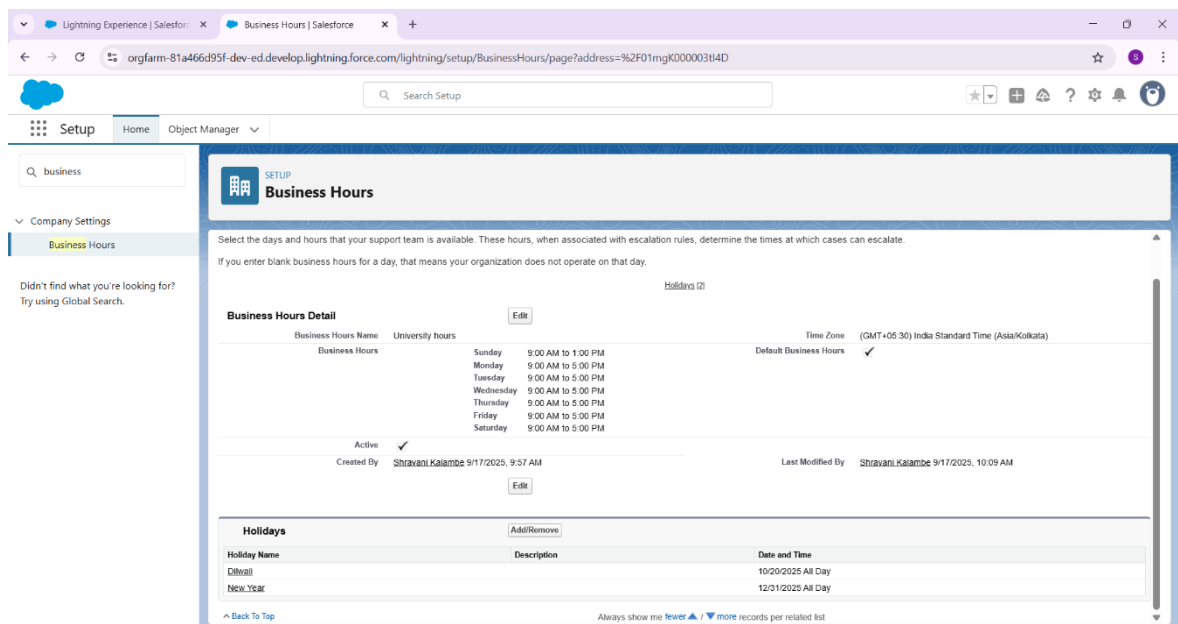
- Configured Company Information: Set organization name to ABC University, timezone to Asia/Kolkata, and currency to INR.



The screenshot shows the Salesforce Setup page for Company Information. The organization name is "Prof. Ram meghe institute of technology and research badnera". The address is "arjangaon bari road, badnera 444701, Maharashtra, India". The phone number is "(902) 891-4659". The default time zone is "(GMT+05:30) India Standard Time (Asia/Kolkata)". The currency locale is "English (India) - INR". The default language is "English". The organization edition is "Developer Edition".

Organization Detail	
Organization Name	Prof. Ram meghe institute of technology and research badnera
Primary Contact	shrayani kalambe
Division	
Address	arjangaon bari road badnera 444701 Maharashtra India
Fiscal Year Starts In	April
Activate Multiple Currencies	<input type="checkbox"/>
Enable Data Translation	<input type="checkbox"/>
Newsletter	<input checked="" type="checkbox"/>
Admin Newsletter	<input checked="" type="checkbox"/>
Hide Notices About System Maintenance	<input type="checkbox"/>
Hide Notices About System Downtime	<input type="checkbox"/>
Locale Formats	ICU
Phone	(902) 891-4659
Fax	
Default Locale	English (United States)
Default Language	English
Default Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)
Currency Locale	English (India) - INR
Used Data Space	342 KB (7%) View
Used File Space	17 KB (0%) View
API Requests, Last 24 Hours	4 (15,000 max)
Streaming API Events, Last 24 Hours	0 (10,000 max)
Restricted Logins, Current Month	0 (0 max)
Salesforce.com Organization ID	00DgK000007anSn
Organization Edition	Developer Edition
Instance	CAN96

- Configured University Hours: Created Business Hours (Mon–Fri, 9 AM–5 PM) and added holidays (Diwali and New Year).

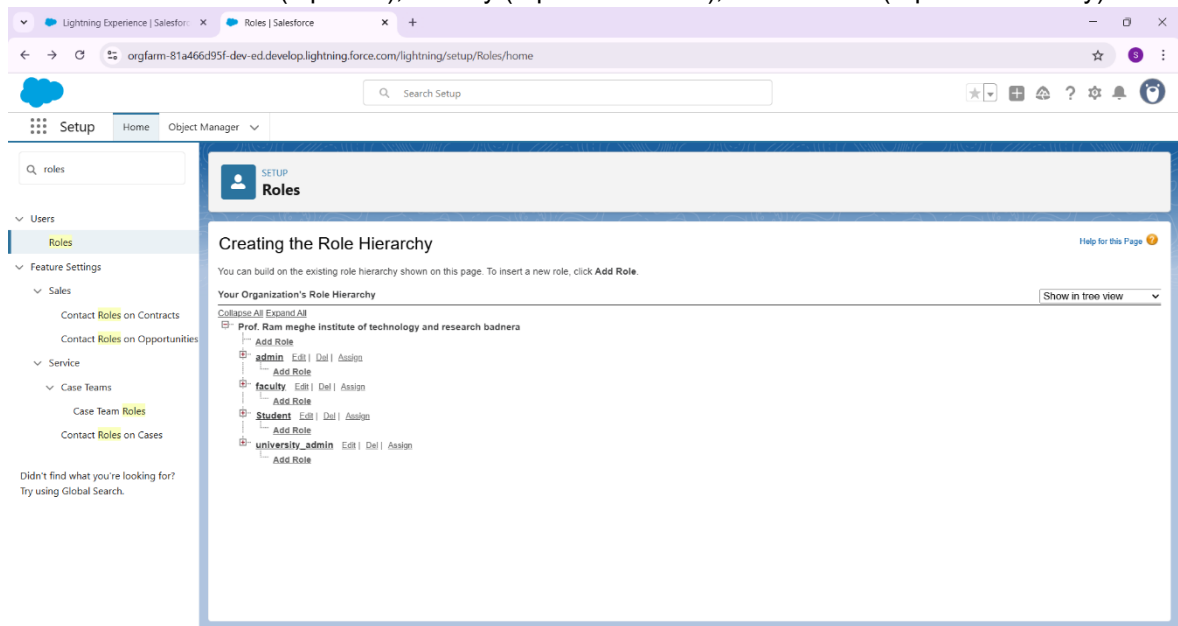


The screenshot shows the Salesforce Setup page for Business Hours. The business hours are defined for Monday through Friday, 9:00 AM to 5:00 PM. The time zone is "(GMT+05:30) India Standard Time (Asia/Kolkata)". The business hours are active. The page also shows a list of holidays, including Diwali and New Year.

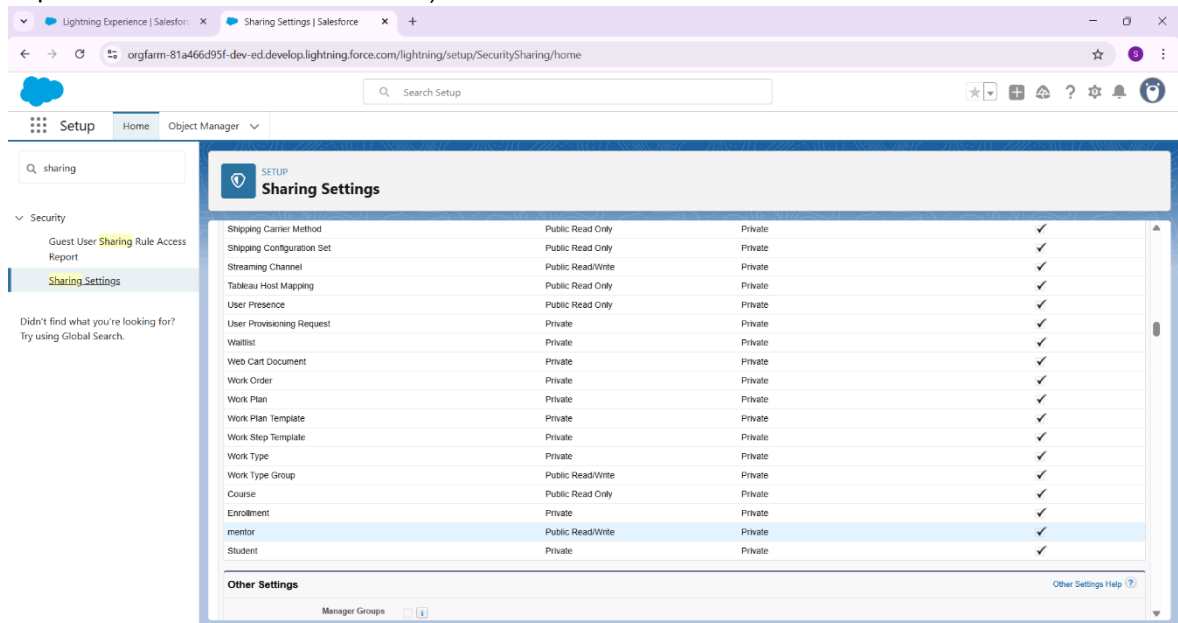
Business Hours Detail																									
Business Hours Name	University hours																								
Business Hours	<table border="1"><thead><tr><th>Day</th><th>Start Time</th><th>End Time</th></tr></thead><tbody><tr><td>Sunday</td><td>9:00 AM</td><td>1:00 PM</td></tr><tr><td>Monday</td><td>9:00 AM</td><td>5:00 PM</td></tr><tr><td>Tuesday</td><td>9:00 AM</td><td>5:00 PM</td></tr><tr><td>Wednesday</td><td>9:00 AM</td><td>5:00 PM</td></tr><tr><td>Thursday</td><td>9:00 AM</td><td>5:00 PM</td></tr><tr><td>Friday</td><td>9:00 AM</td><td>5:00 PM</td></tr><tr><td>Saturday</td><td>9:00 AM</td><td>5:00 PM</td></tr></tbody></table>	Day	Start Time	End Time	Sunday	9:00 AM	1:00 PM	Monday	9:00 AM	5:00 PM	Tuesday	9:00 AM	5:00 PM	Wednesday	9:00 AM	5:00 PM	Thursday	9:00 AM	5:00 PM	Friday	9:00 AM	5:00 PM	Saturday	9:00 AM	5:00 PM
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Time Zone	(GMT+05:30) India Standard Time (Asia/Kolkata)																								
Default Business Hours	<input checked="" type="checkbox"/>																								
Active	<input checked="" type="checkbox"/>																								
Created By	Shrayani Kalambe 9/17/2025, 9:57 AM																								
Last Modified By	Shrayani Kalambe 9/17/2025, 10:09 AM																								

Holidays		
Holiday Name	Description	Date and Time
Diwali		10/20/2025 All Day
New Year		12/31/2025 All Day

- Defined Roles: Admin (top level), Faculty (reports to Admin), and Student (reports to Faculty).



- Created Profiles: Cloned Standard User to create Faculty and Student profiles with appropriate permissions.
- Configured Sharing Settings: Student__c = Private (only owner/admin can see), Course__c = Public Read Only (everyone can view), Enrollment__c = Controlled by Parent (visibility depends on related Student/Course).



- Created Users: Prof. Rahul (Faculty profile) and Student One (Student profile) with respective roles and licenses.

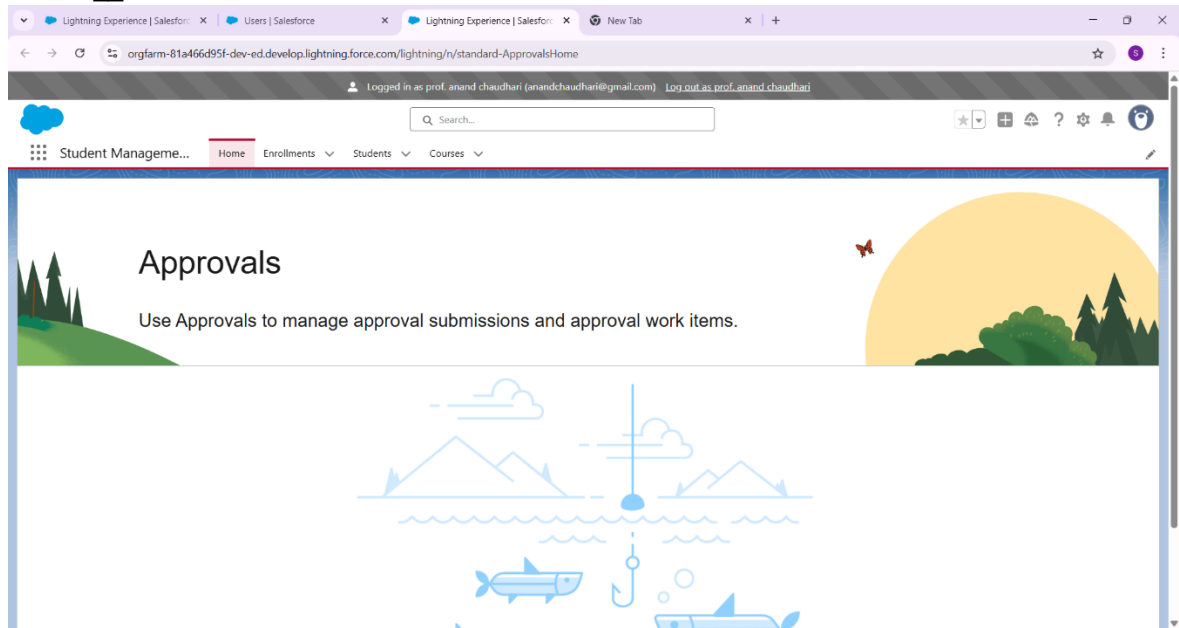
The screenshot shows the Salesforce Setup page for Users. The left sidebar contains a navigation menu with options like Setup, Home, Object Manager, Users, Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, Users, Feature Settings, Data.com, Prospector Users, Service, Embedded Service, Messaging for In-App and Web User Verification, and User Interface. The main content area is titled 'All Users' and includes a search bar, a 'View' dropdown set to 'All Users', and a table of users. The table has columns for Action, Full Name, Alias, Username, Role, Active, and Profile. The users listed are Chatter Expert, Chaudhary, Prof. Anand, EPIC, OrgFarm, Kalambe, Shrivani, One Student, Sara, Shrivani Kalambe, Shrivani Kalambe, User Integration, and User Security. The bottom of the page shows the URL: https://orgfarm-81a466d95f-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/home.

- Created Custom Tabs: Student, Course, and Enrollment objects now have tabs to allow navigation in the Lightning app.

The screenshot shows the Salesforce Setup page for Custom Tabs. The left sidebar contains a navigation menu with options like Setup, Home, Object Manager, Tabs, User Interface, Rename Tabs and Labels, Tabs, Didn't find what you're looking for? Try using Global Search, and User Interface. The main content area is titled 'Custom Tabs' and includes a search bar, a 'View' dropdown set to 'All Tabs', and a table of custom tabs. The table has columns for Action, Label, Tab Style, and Description. The tabs listed are Courses, Enrollments, and Students. The bottom of the page shows the URL: https://orgfarm-81a466d95f-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/home.

- Added Tabs to Student Management App: Ensured Students, Courses, and Enrollments are visible to Admin and Faculty.

- Checked Object Permissions: Verified Faculty profile has at least Read permission on Course__c to view courses.



Verification:

Logged in as Faculty and confirmed they could see the Courses and Enrollments tabs but not other students' records. Logged in as Student and confirmed they could only see their own data. This ensured security settings worked as expected.