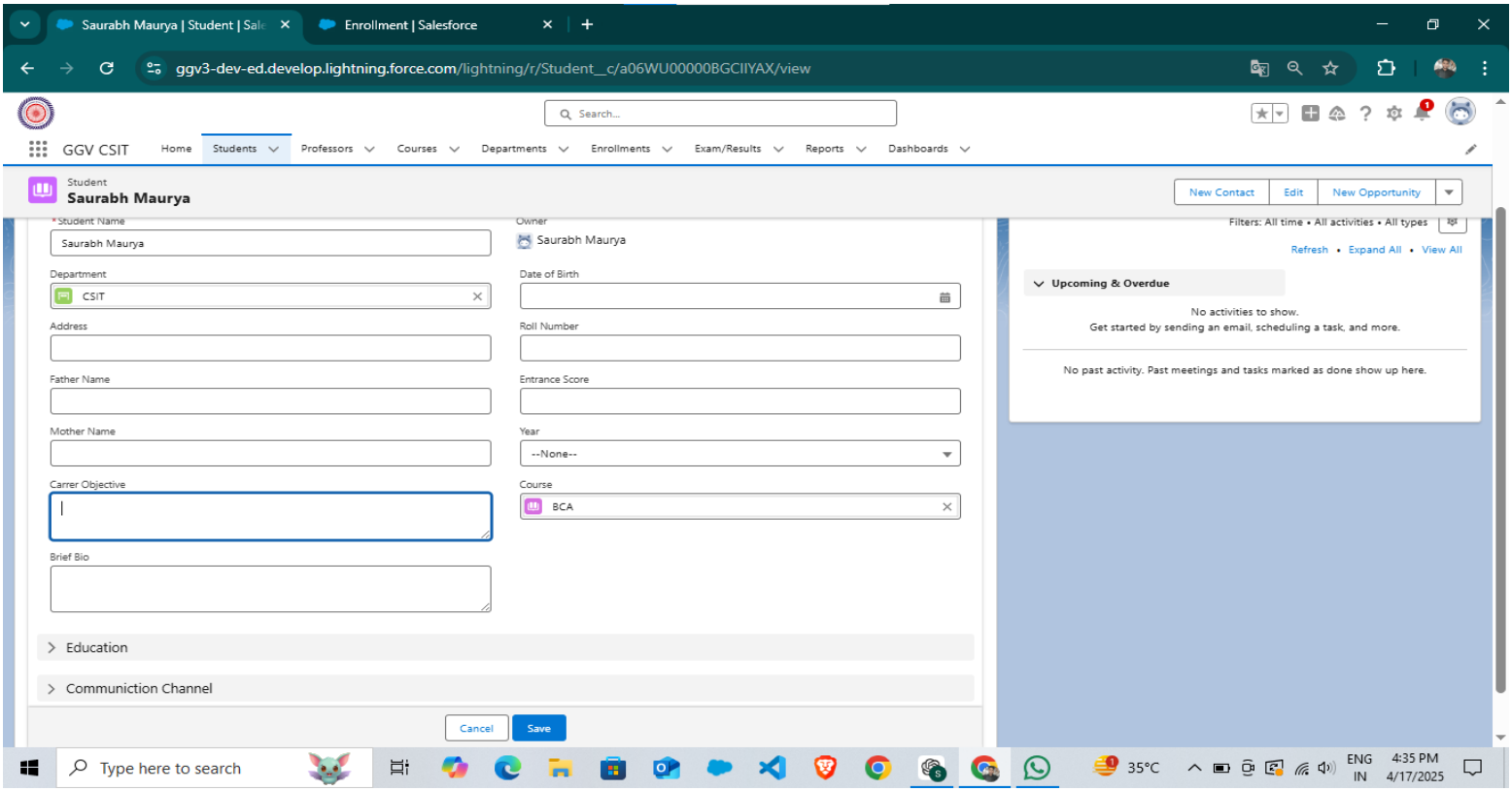
CSIT GGV


Saurabh Maurya | Student | Sale
Enrollment | Salesforce
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GGV CSIT
Home
Students
Professors
Courses
Departments
Enrollments
Exam/Results
Reports
Dashboards
Student
Saurabh Maurya
New Contact
Edit
New Opportunity
Student Name
Saurabh Maurya
Owner
Saurabh Maurya
Department
CSIT
Date of Birth
Address
Roll Number
Father Name
Entrance Score
Mother Name
Year
--None--
Carrer Objective
Course
BCA
Brief Bio
Education
Communiction Channel
Cancel
Save
Filters: All time • All activities • All types
Refresh • Expand All • View All
Upcoming & Overdue
No activities to show.
Get started by sending an email, scheduling a task, and more.
No past activity. Past meetings and tasks marked as done show up here.
Type here to search
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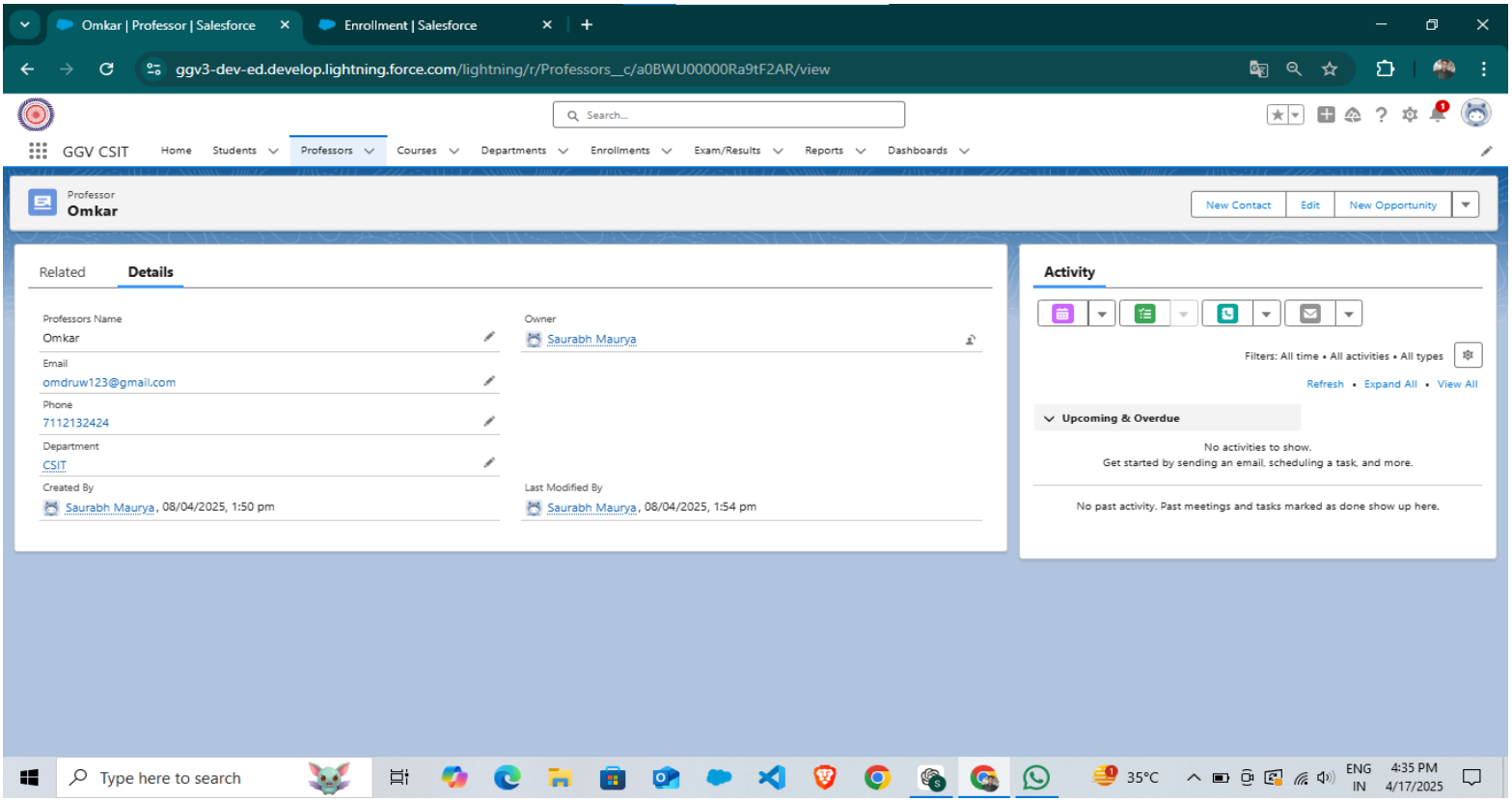
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Enrollment | Salesforce
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GGV CSIT
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Professors
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Departments
Enrollments
Exam/Results
Reports
Dashboards
Professor
Omkar
New Contact
Edit
New Opportunity
Related
Details
Professors Name
Omkar
Owner
Saurabh Maurya
Email
omdruw123@gmail.com
Phone
7112132424
Department
CSIT
Created By
Saurabh Maurya, 08/04/2025, 1:50 pm
Last Modified By
Saurabh Maurya, 08/04/2025, 1:54 pm
Activity
Filters: All time • All activities • All types
Refresh • Expand All • View All
Upcoming & Overdue
No activities to show.
Get started by sending an email, scheduling a task, and more.
No past activity. Past meetings and tasks marked as done show up here.
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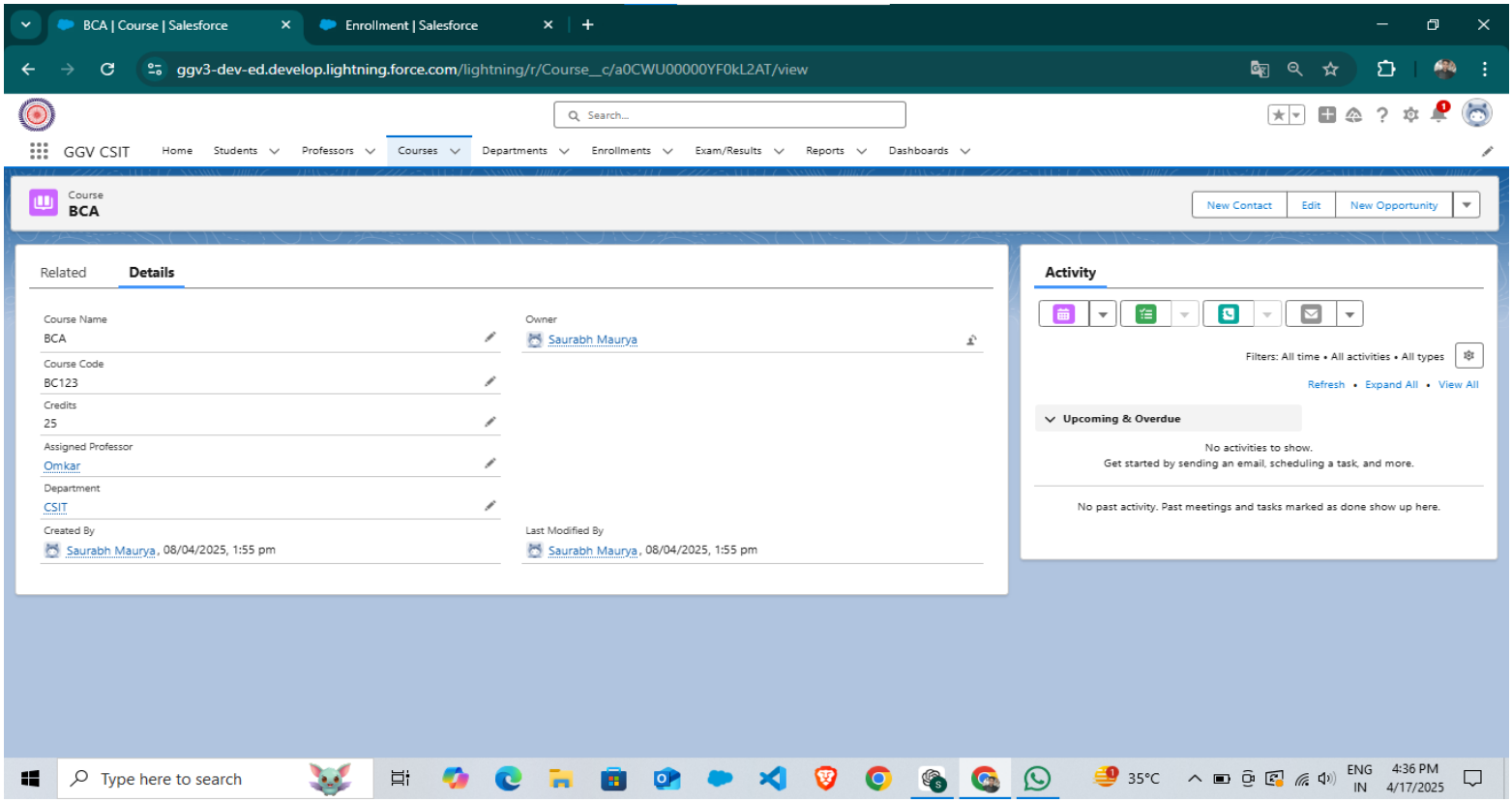
BCA | Course | Salesforce
Enrollment | Salesforce
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Search...
GGV CSIT
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Professors
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Departments
Enrollments
Exam/Results
Reports
Dashboards
Course
BCA
New Contact
Edit
New Opportunity
Related
Details
Course Name
BCA
Course Code
BC123
Credits
25
Assigned Professor
Omkar
Department
CSIT
Created By
Saurabh Maurya, 08/04/2025, 1:55 pm
Owner
Saurabh Maurya
Last Modified By
Saurabh Maurya, 08/04/2025, 1:55 pm
Activity
Filters: All time • All activities • All types
Refresh • Expand All • View All
Upcoming & Overdue
No activities to show.
Get started by sending an email, scheduling a task, and more.
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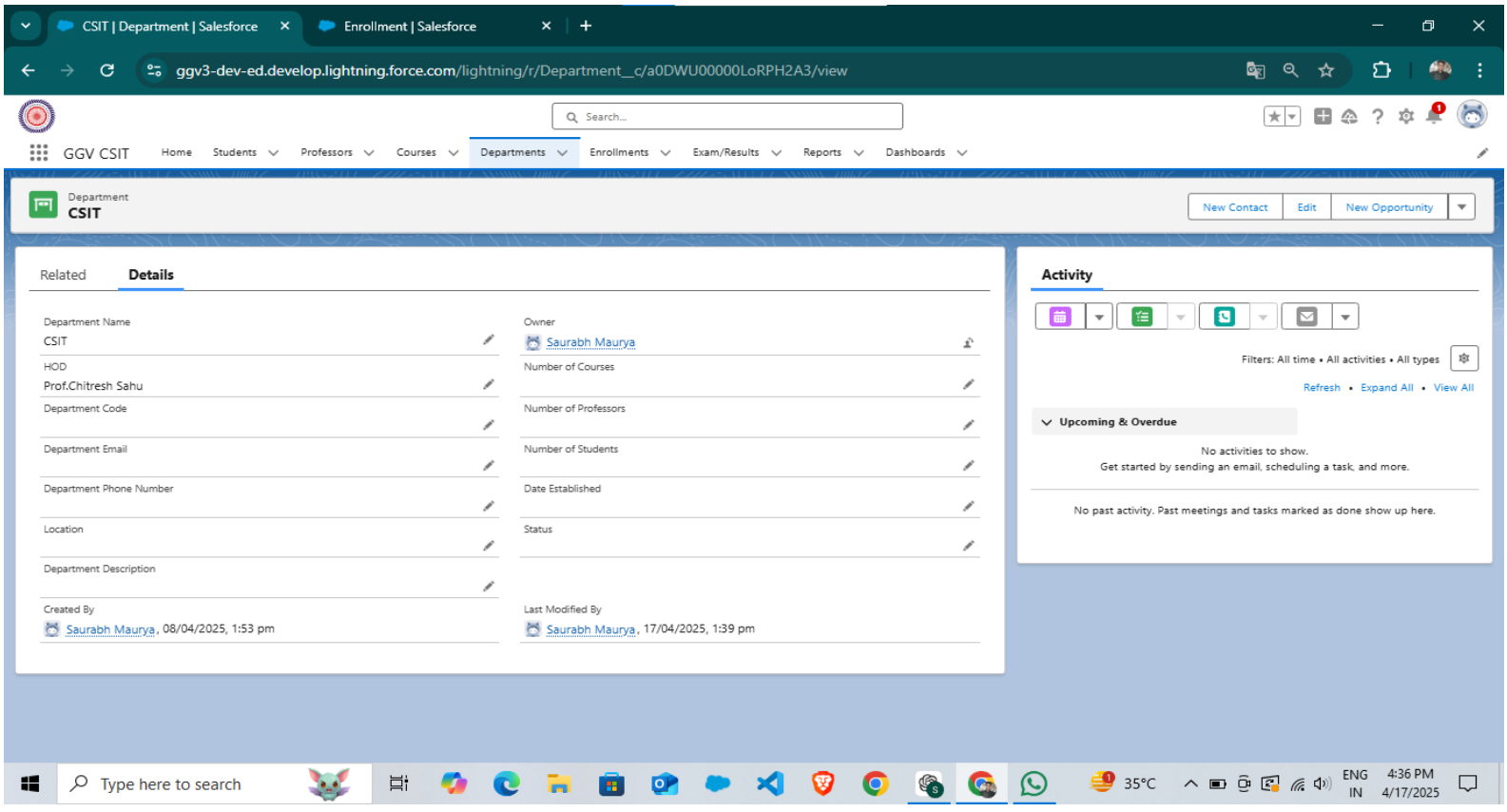
CSIT | Department | Salesforce
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Search...
GGV CSIT
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Departments
Enrollments
Exam/Results
Reports
Dashboards
Department
CSIT
New Contact
Edit
New Opportunity
Related
Details
Department Name
CSIT
HOD
Prof.Chitresh Sahu
Department Code
Department Email
Department Phone Number
Location
Department Description
Created By
Saurabh Maurya, 08/04/2025, 1:53 pm
Owner
Saurabh Maurya
Number of Courses
Number of Professors
Number of Students
Date Established
Status
Last Modified By
Saurabh Maurya, 17/04/2025, 1:39 pm
Activity
Filters: All time • All activities • All types
Refresh • Expand All • View All
Upcoming & Overdue
No activities to show.
Get started by sending an email, scheduling a task, and more.
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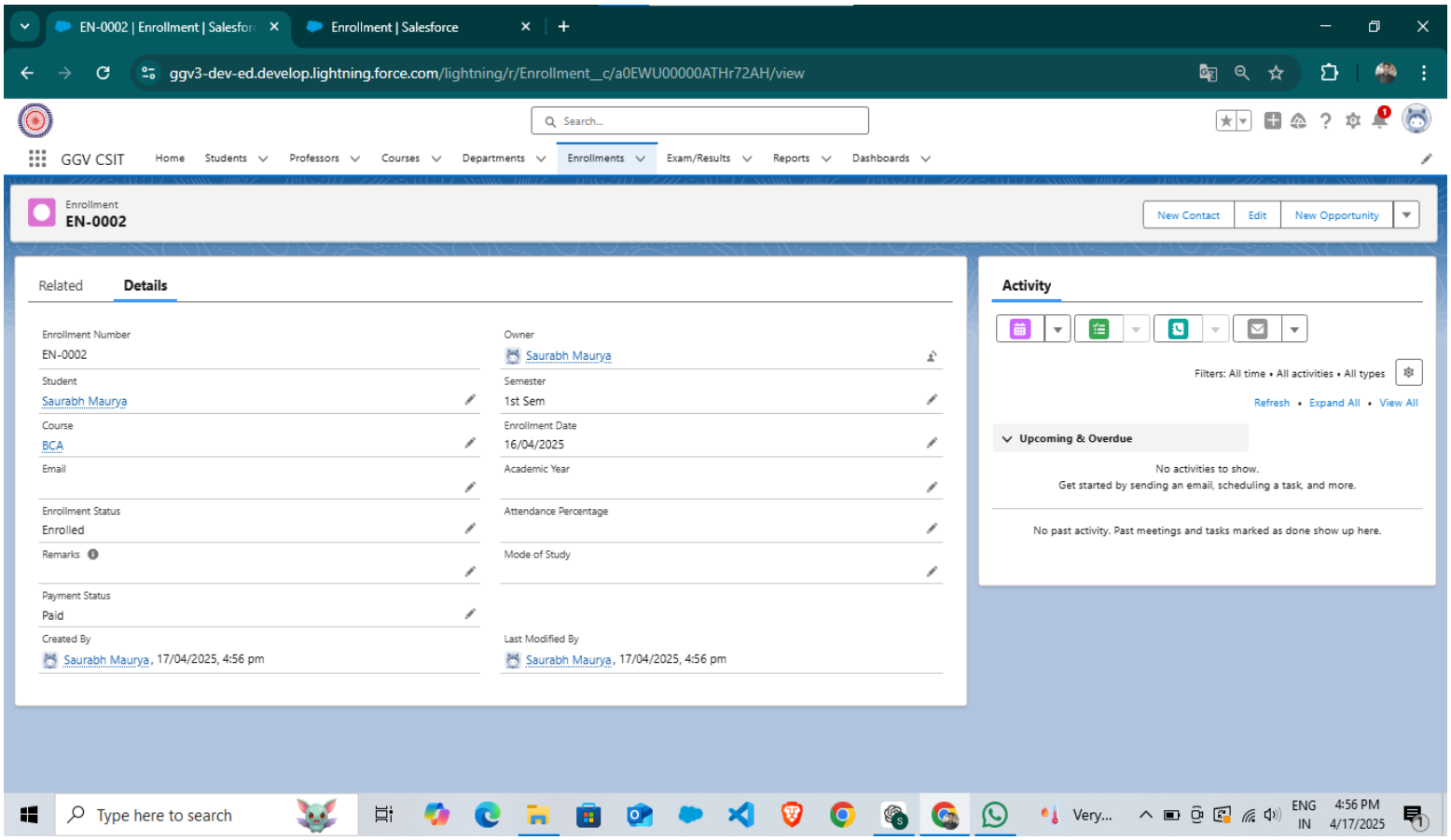
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Enrollment | Salesforce
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Search...
GGV CSIT
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Professors
Courses
Departments
Enrollments
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Reports
Dashboards
Enrollment
EN-0002
New Contact
Edit
New Opportunity
Related
Details
Enrollment Number
EN-0002
Owner
Saurabh Maurya
Student
Saurabh Maurya
Semester
1st Sem
Course
BCA
Enrollment Date
16/04/2025
Email
Academic Year
Enrollment Status
Enrolled
Attendance Percentage
Remarks
Mode of Study
Payment Status
Paid
Created By
Saurabh Maurya, 17/04/2025, 4:56 pm
Last Modified By
Saurabh Maurya, 17/04/2025, 4:56 pm
Activity
Filters: All time • All activities • All types
Refresh • Expand All • View All
Upcoming & Overdue
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Get started by sending an email, scheduling a task, and more.
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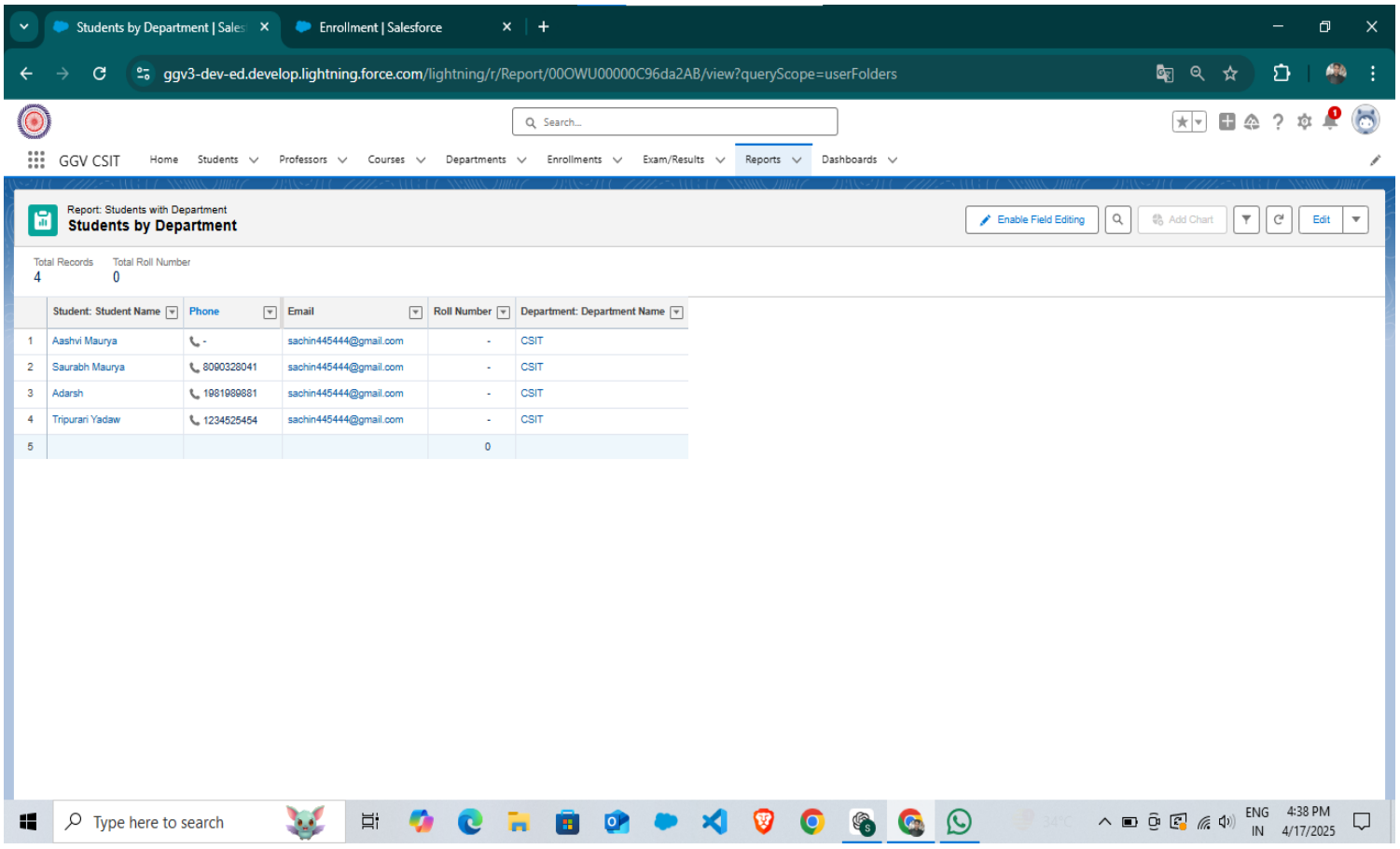
Students by Department | Sales
Enrollment | Salesforce
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Search...
GGV CSIT
Home
Students
Professors
Courses
Departments
Enrollments
Exam/Results
Reports
Dashboards
Report: Students with Department
Students by Department
Enable Field Editing
Add Chart
Edit
Total Records
4
Total Roll Number
0
Student: Student Name
Phone
Email
Roll Number
Department: Department Name
1 Aashvi Maurya - sachin445444@gmail.com - CSIT
2 Saurabh Maurya 8090328041 sachin445444@gmail.com - CSIT
3 Adarsh 1981989881 sachin445444@gmail.com - CSIT
4 Tripurari Yadaw 1234525454 sachin445444@gmail.com - CSIT
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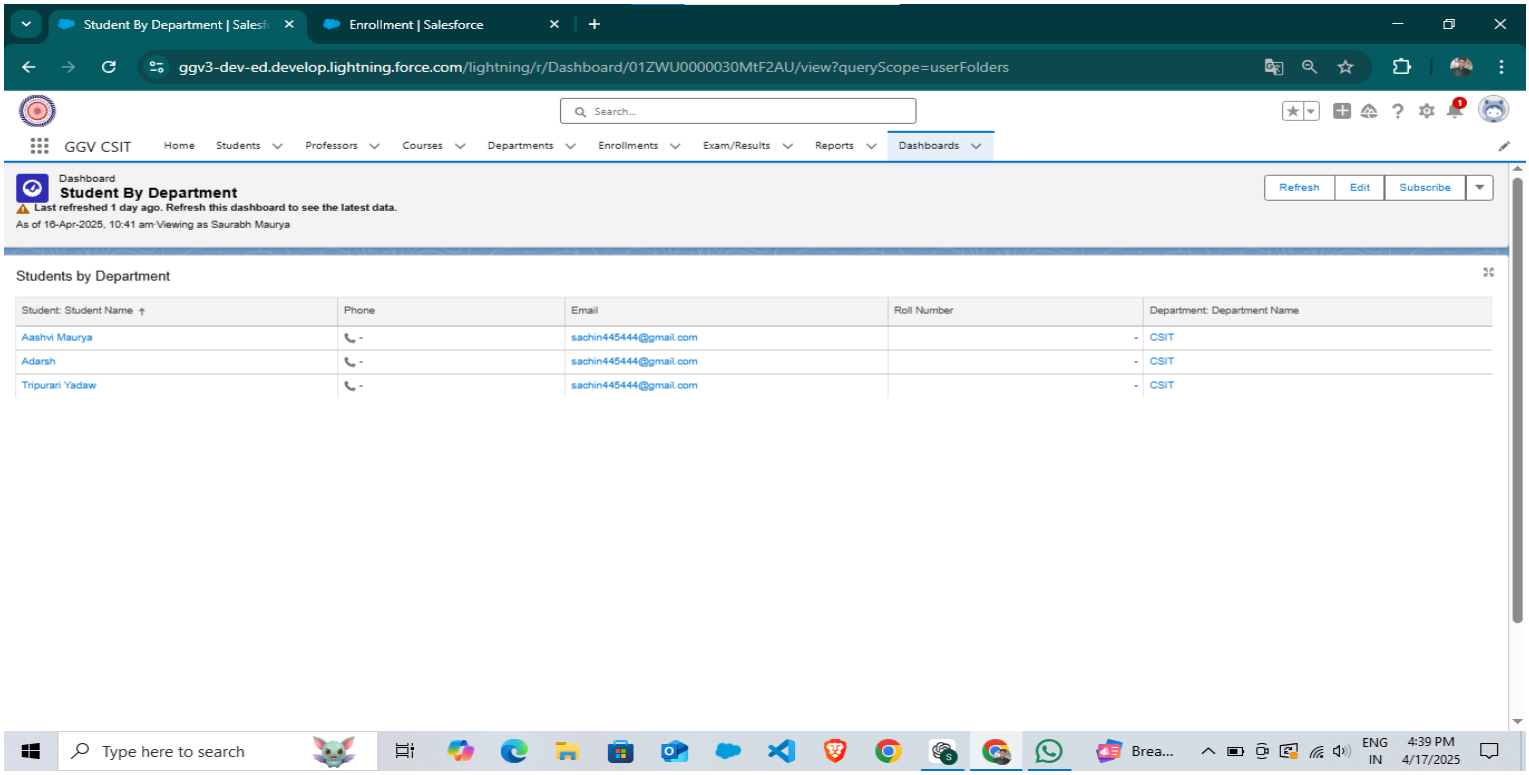
4/17/2025



📄 GGV CSIT Management System

Project Overview

The GGV CSIT Management System is a comprehensive University Management application built on the Salesforce platform. It is tailored for the Department of Computer Science & IT (CSIT), Guru Ghasidas Vishwavidyalaya (GGV). The system streamlines student, faculty, course, and departmental operations through automation, structured data management, and real-time interactions.

🏗️ Project Architecture & Technologies

Platform: Salesforce

Tools: Lightning Web Components (LWC), Apex, Flows, Validation Rules, Process Builder

Custom Objects: Student, Course, Faculty, Department, Enrollment, Attendance

User Roles: Admin, Faculty, Student

🗃️ Core Objects and Their Relationships

Student Object

Fields: Name, Roll No, Email, Department, Semester, Enrollment Status

Relationship: Lookup to Department, Master-Detail with Enrollment

Course Object

Fields: Course Name, Code, Credit Hours, Semester

Relationship: Master-Detail with Enrollment

Enrollment Object

Junction Object between Student and Course

Tracks Grade, Enrollment Date, and Status

Faculty Object

Manages course assignment, attendance entry, and grading

Attendance Object

Linked to Student and Course with Date and Status (Present/Absent)

Department Object

Organizes Students, Faculty, and Courses under a common academic structure

⚙ Automation Implemented

Auto Enrollment: Students auto-enrolled into courses based on semester via Flow.

Attendance Tracker: Faculty selects course and marks attendance using a custom LWC component.

Grade Management: Faculty updates marks, and the final result is calculated and updated using Apex triggers.

Notifications: Auto-email alerts to students on enrollment confirmation and grade release.

📄 GGV CSIT Management System – Project Summary (Page 2)

💻 Lightning Web Components (LWC) Features

Student Dashboard: Personalized portal showing current courses, grades, attendance, and profile.

Faculty Dashboard: View assigned courses, manage attendance, and post grades.

Admin Panel: Manage all records, assign faculty, monitor performance.

✅ Validation Rules & Security

Ensures:

No duplicate Roll Numbers.

Only valid course codes for enrollments.

Grade entry only allowed after attendance is marked.

Profile-Based Access:

Students can view only their data.

Faculty can manage their courses.

Admin has full access.

🎁 Deployment Process

Change Sets used to migrate metadata.

Data Loader for importing bulk student, course, and faculty records.

Test Classes written to cover >90% Apex code coverage for deployment to production.

📊 Reports & Dashboards

Student performance by semester.

Faculty activity logs.

Department-level analytics.

Attendance summary.

🌟 Impact and Learning

Improved data transparency and student engagement.

Streamlined departmental workflows.

Hands-on experience with LWC, Apex, automation tools, and real-world problem-solving.