GARAGE MANAGEMENT SYSTEM

College Name: CHIKKANNA GOVERNMENT ARTS COLLEGE

College Code:Bru06

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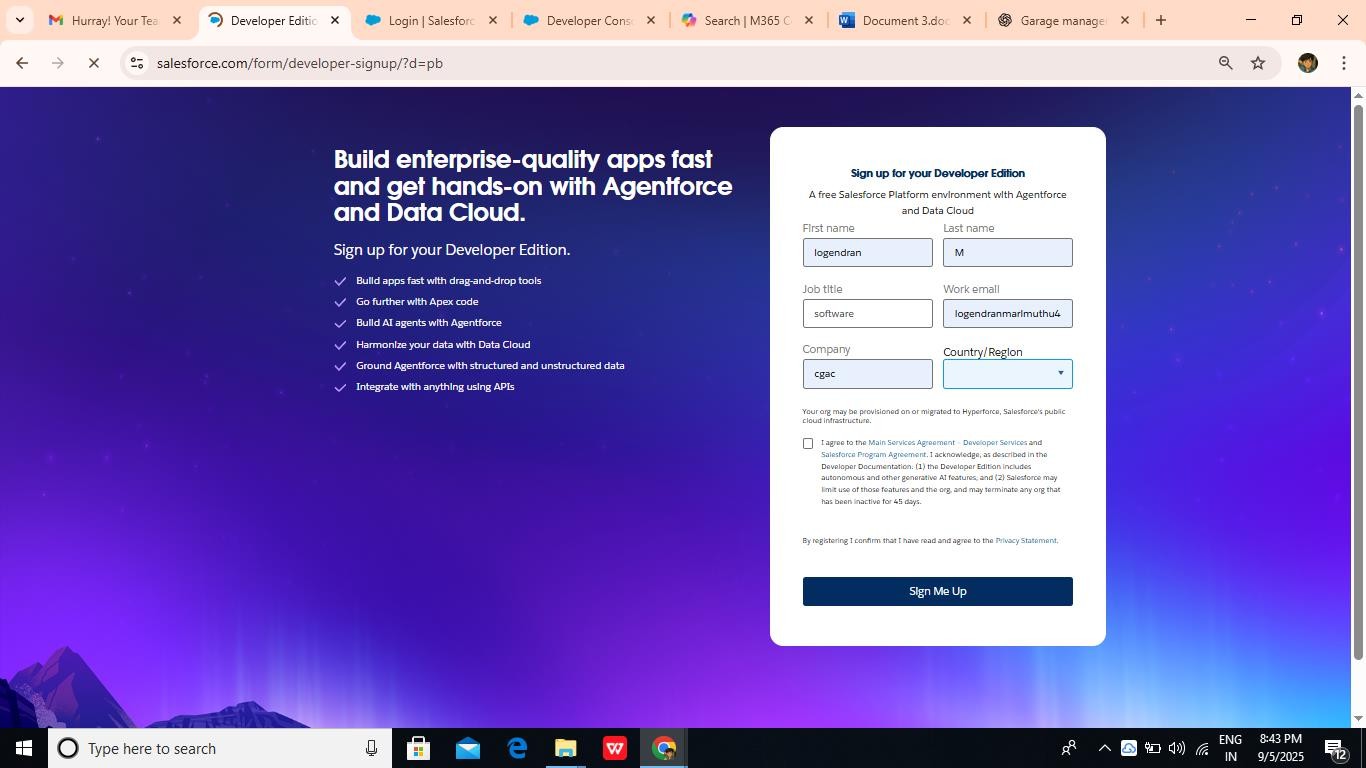
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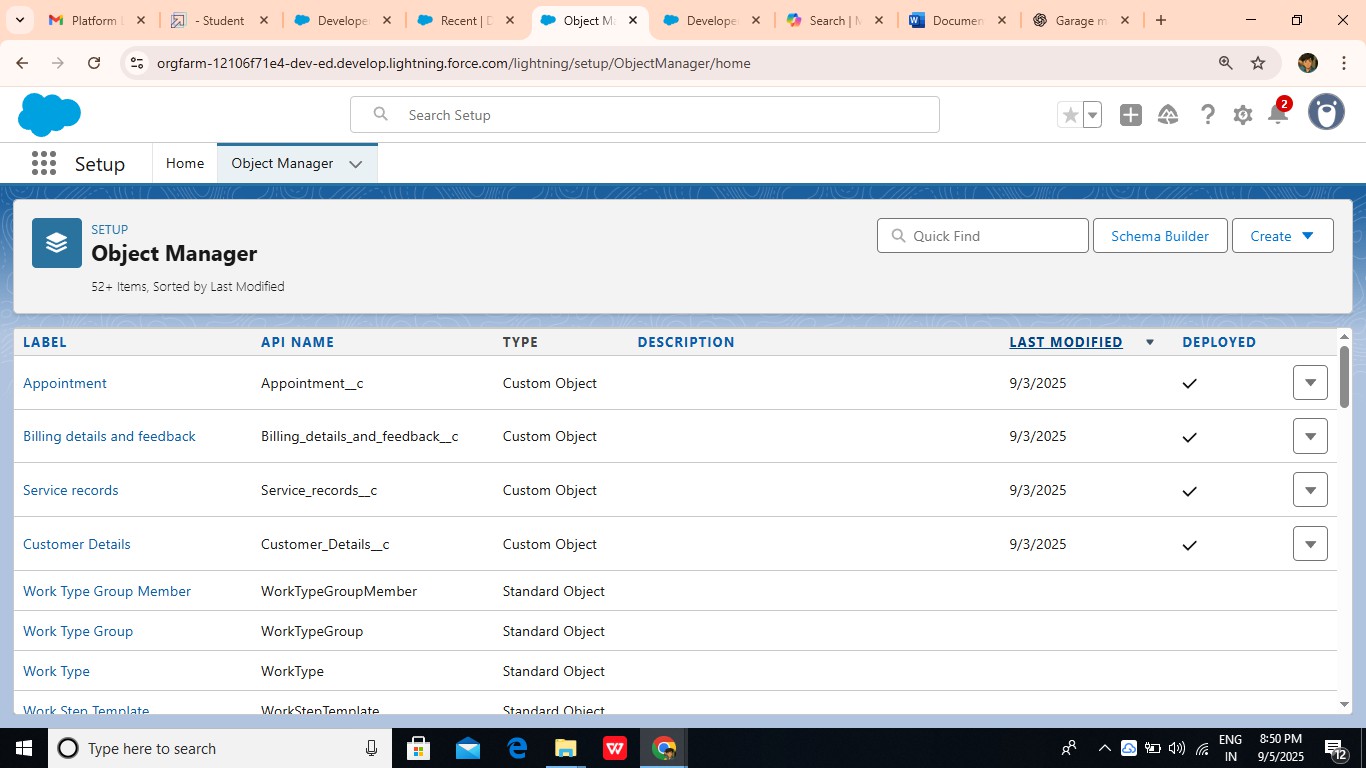
INTRODUCTION:

he Garage Management System is a valuable tool for automotive repair facilities, helping them deliver top-notch service, increase operational efficiency, and build lasting customer relationships. With its user-friendly interface and powerful features, GMS empowers garages to thrive in a competitive market while ensuring a seamless and satisfying experience for both customers and staff.

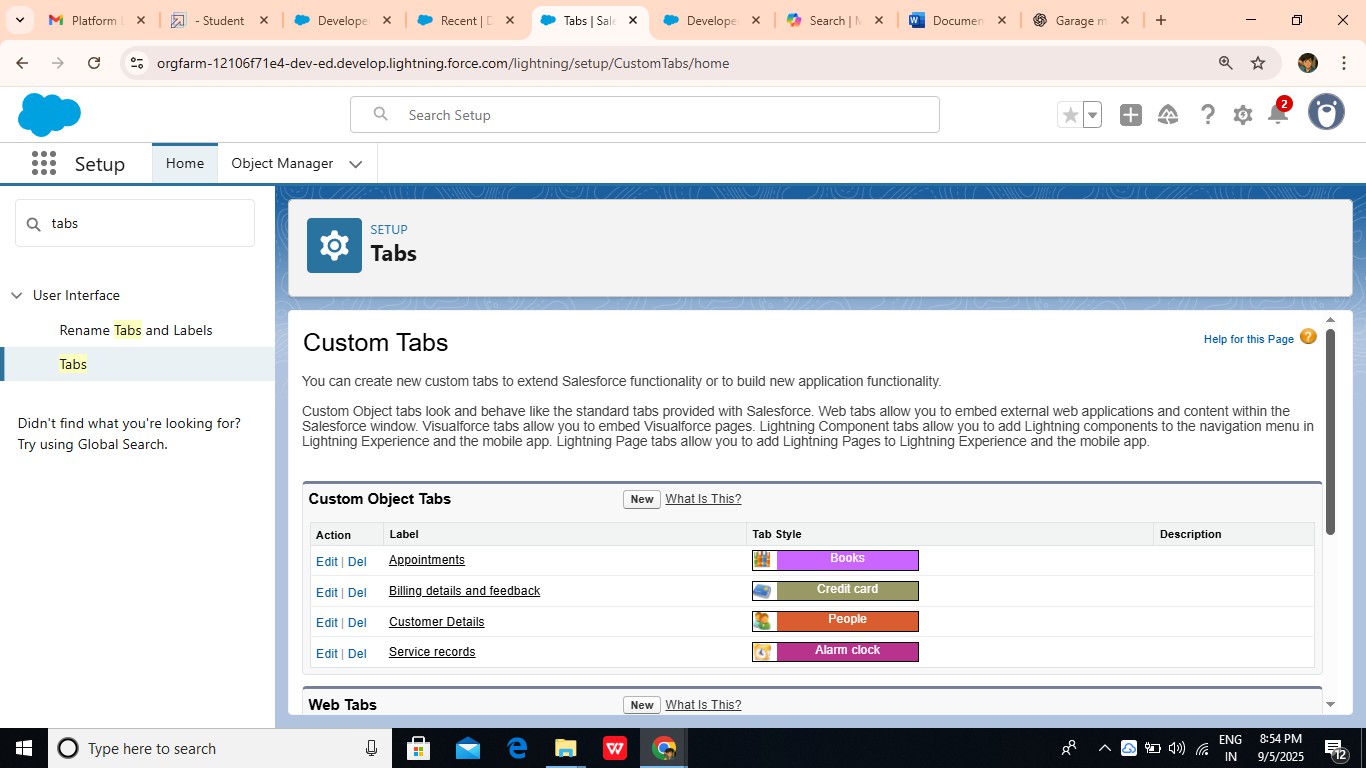
**Creating a developer org in salesforce:**

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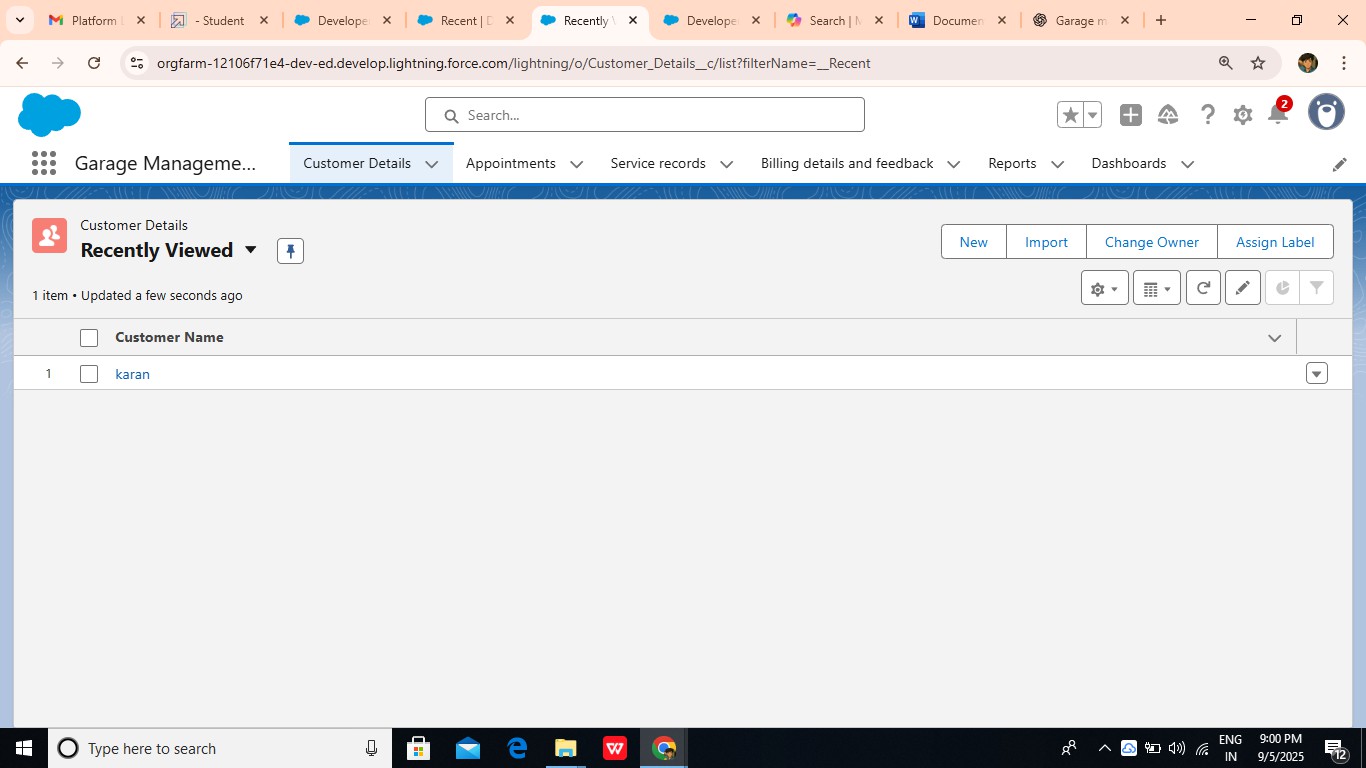
**create an object:**

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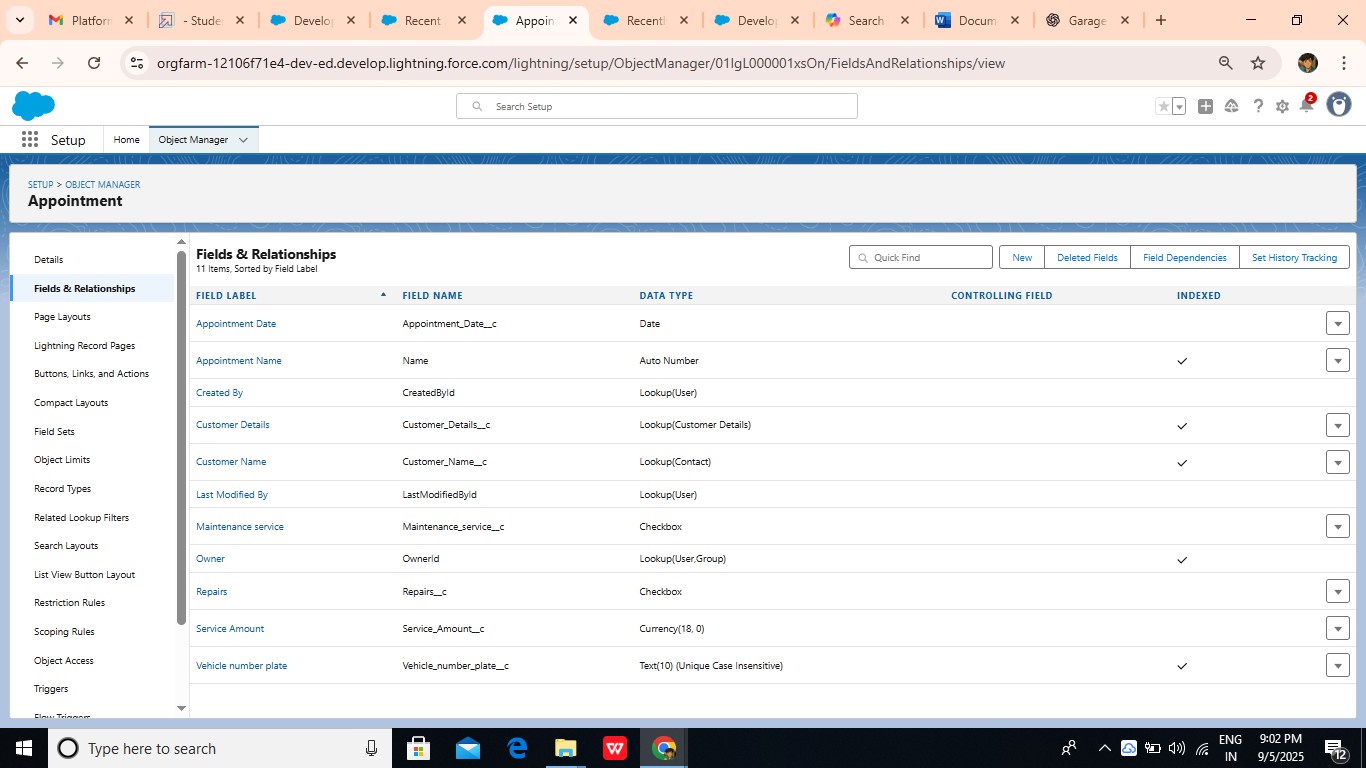
**create a Tab:(Customer Details)**

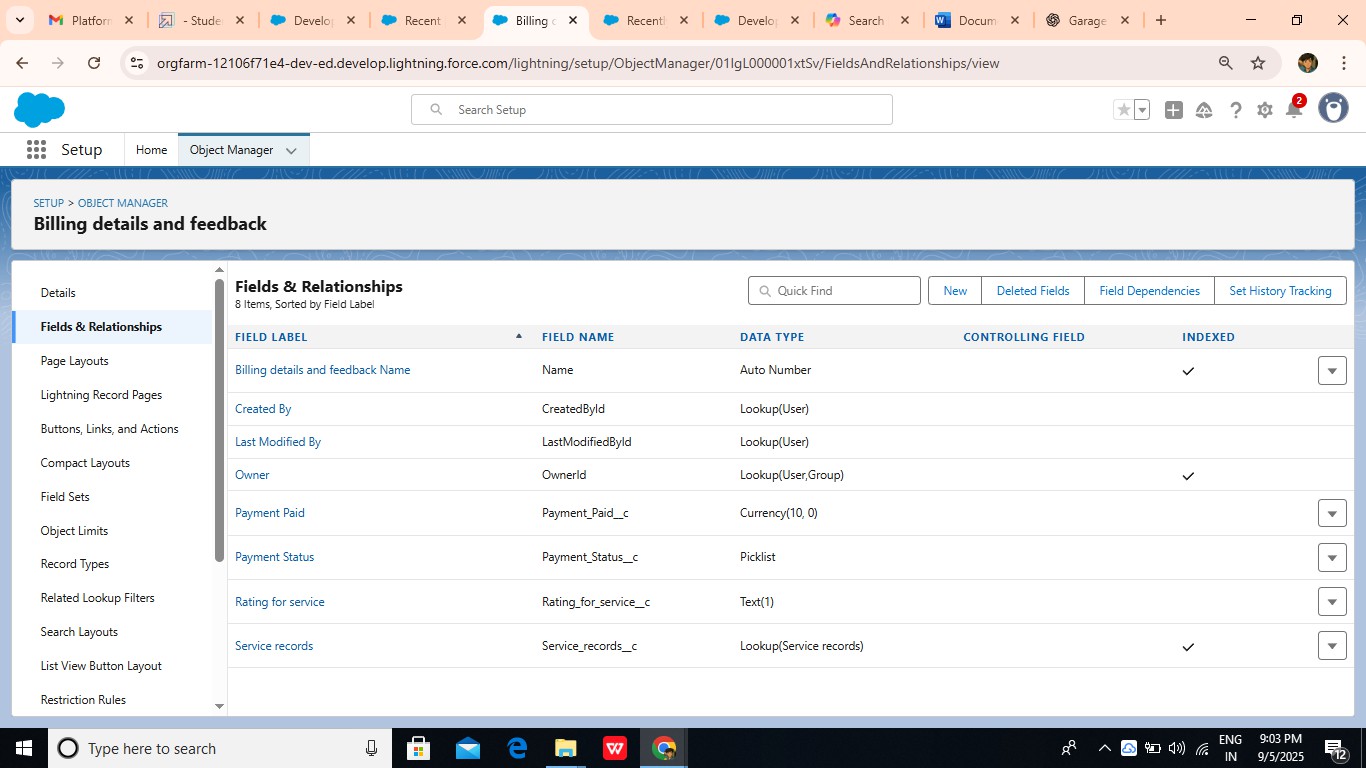
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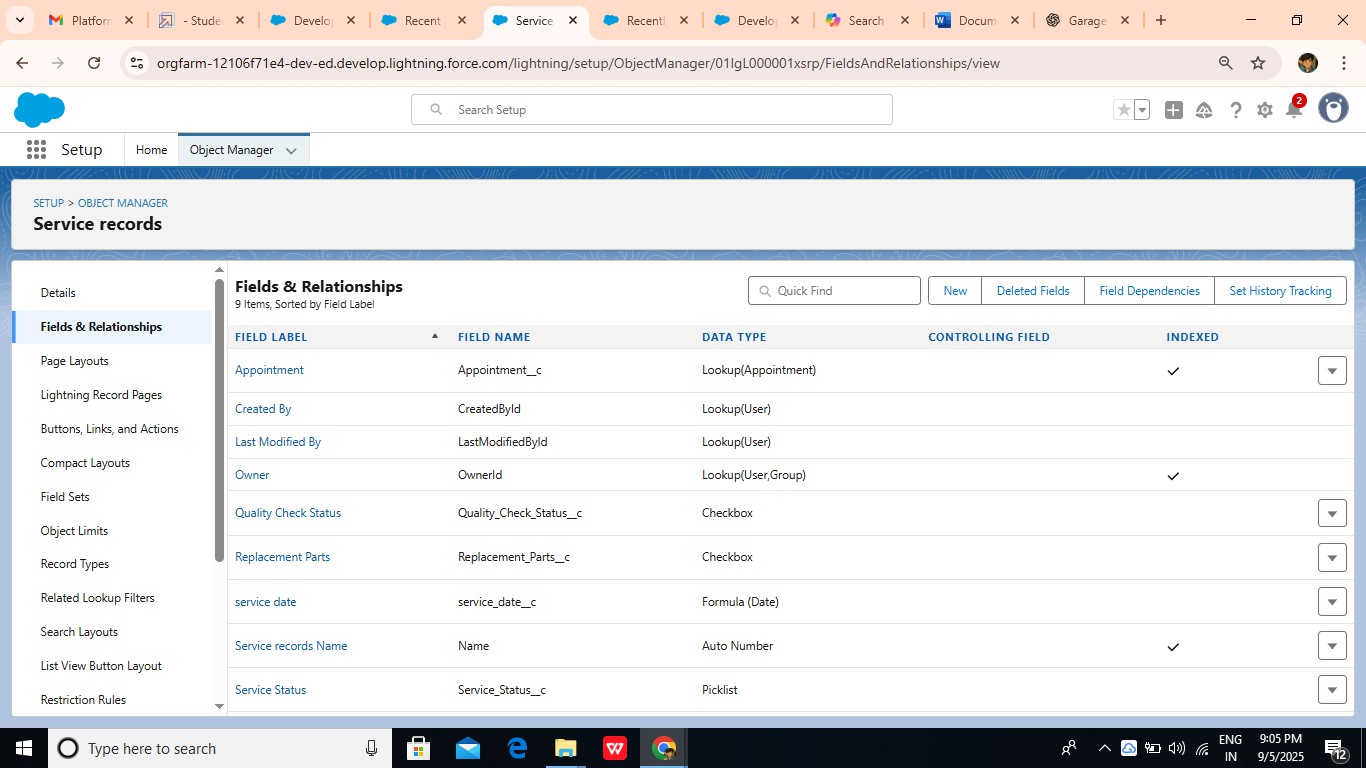
Create a Lightning App:

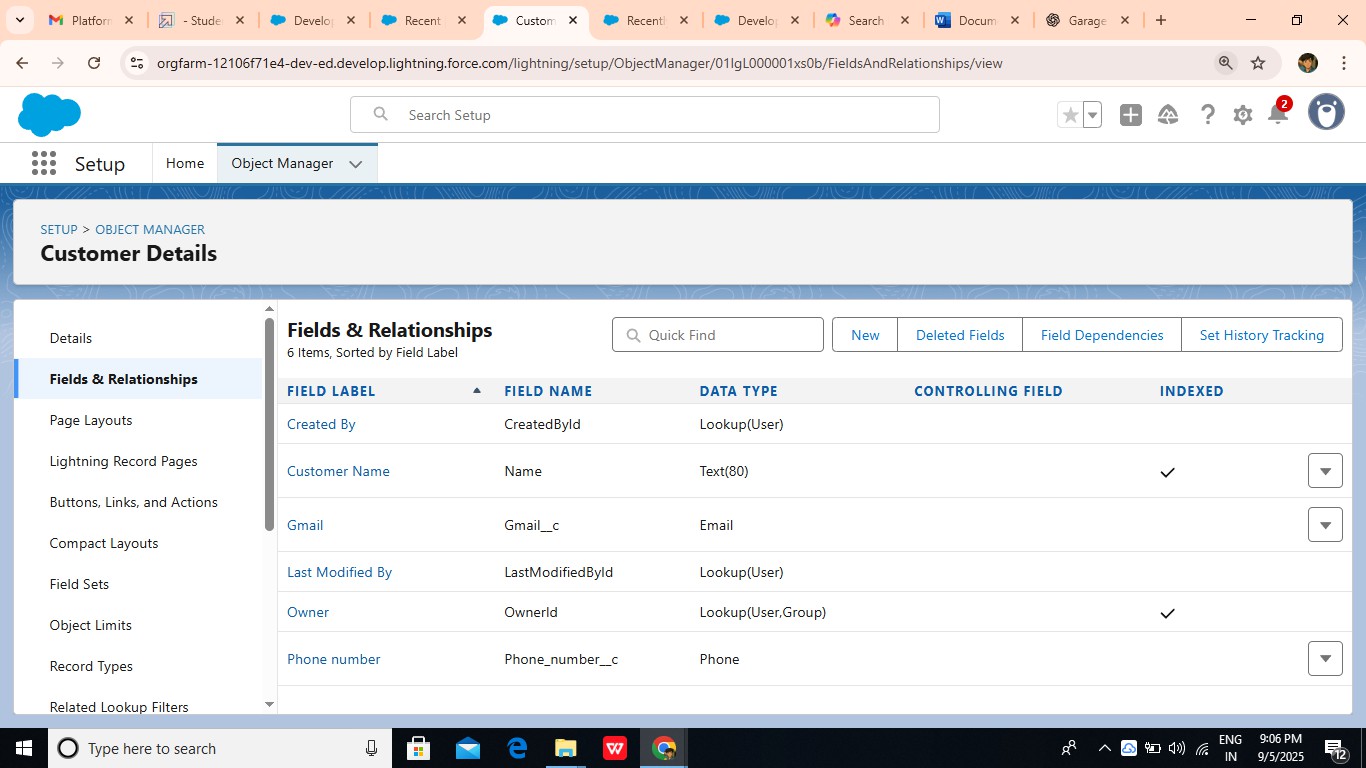


create fields in an object:

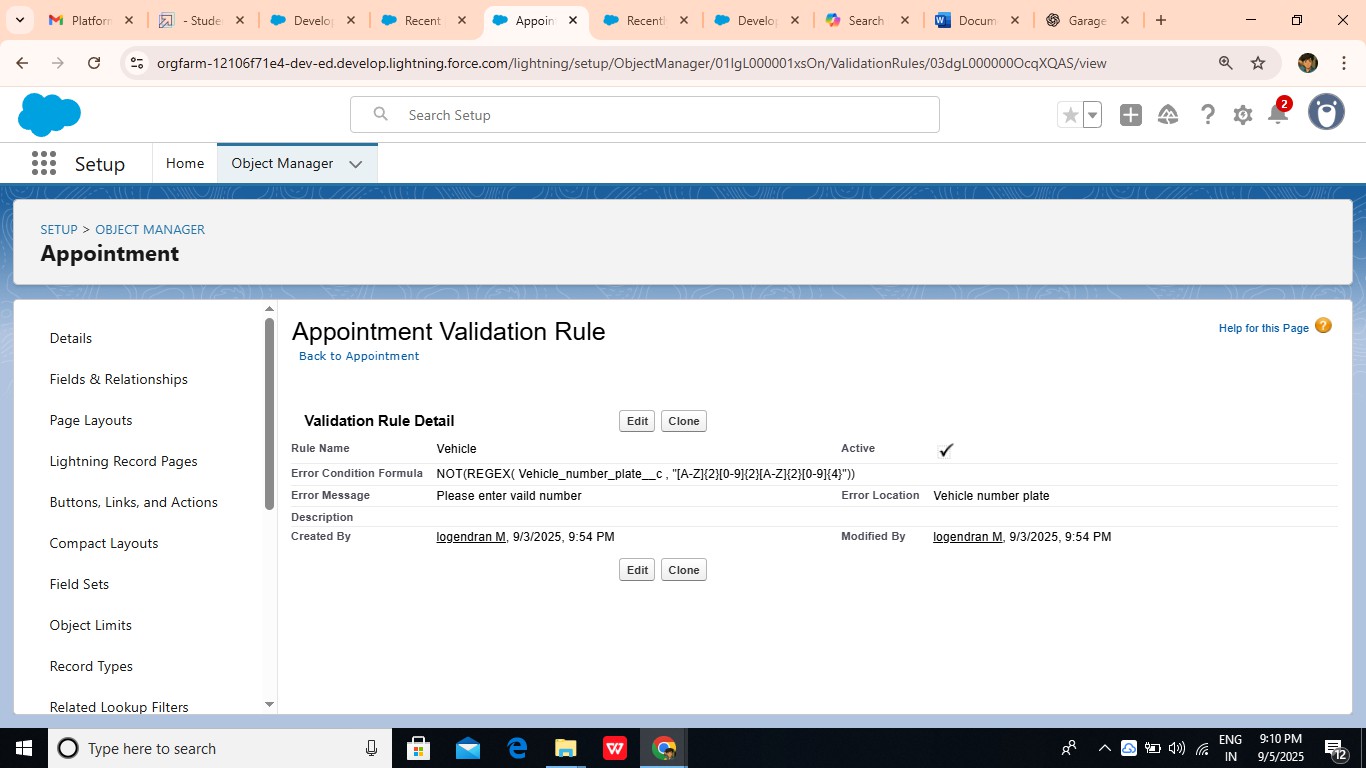


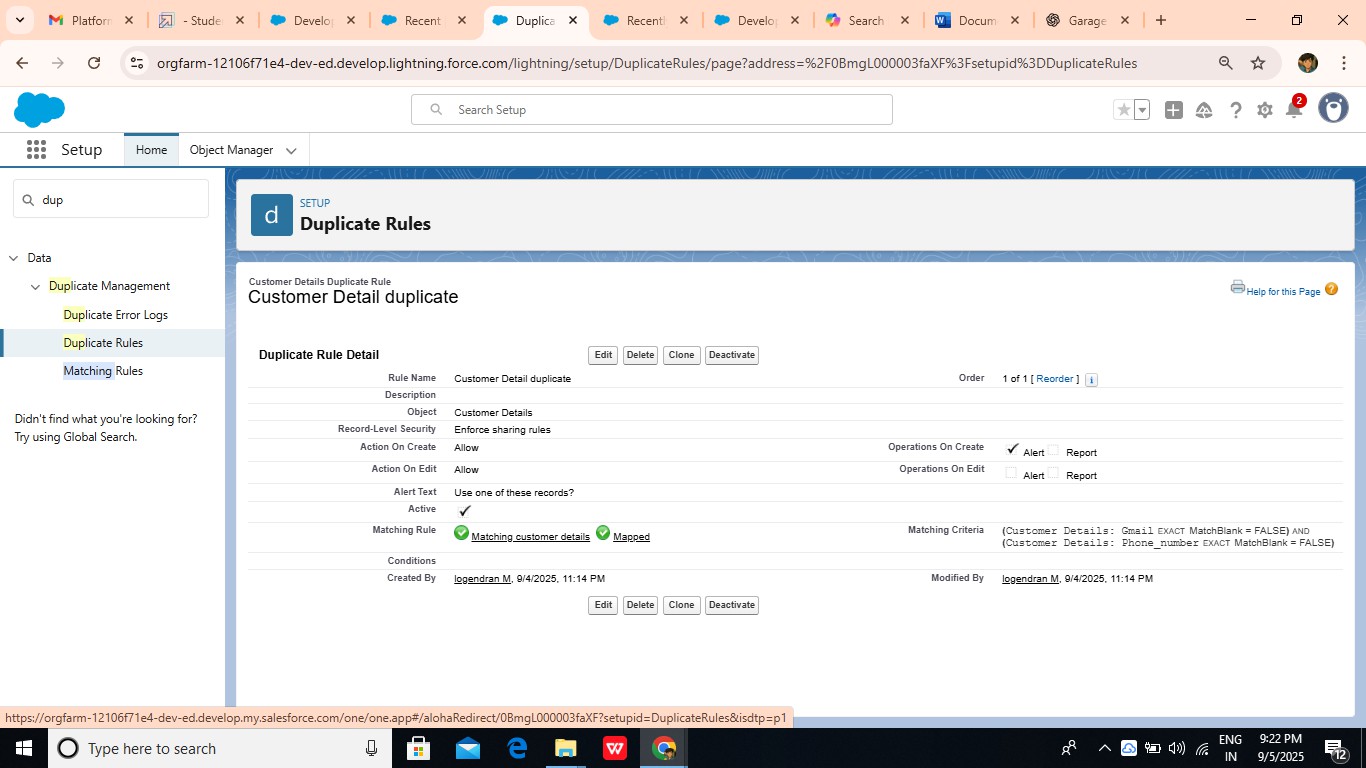




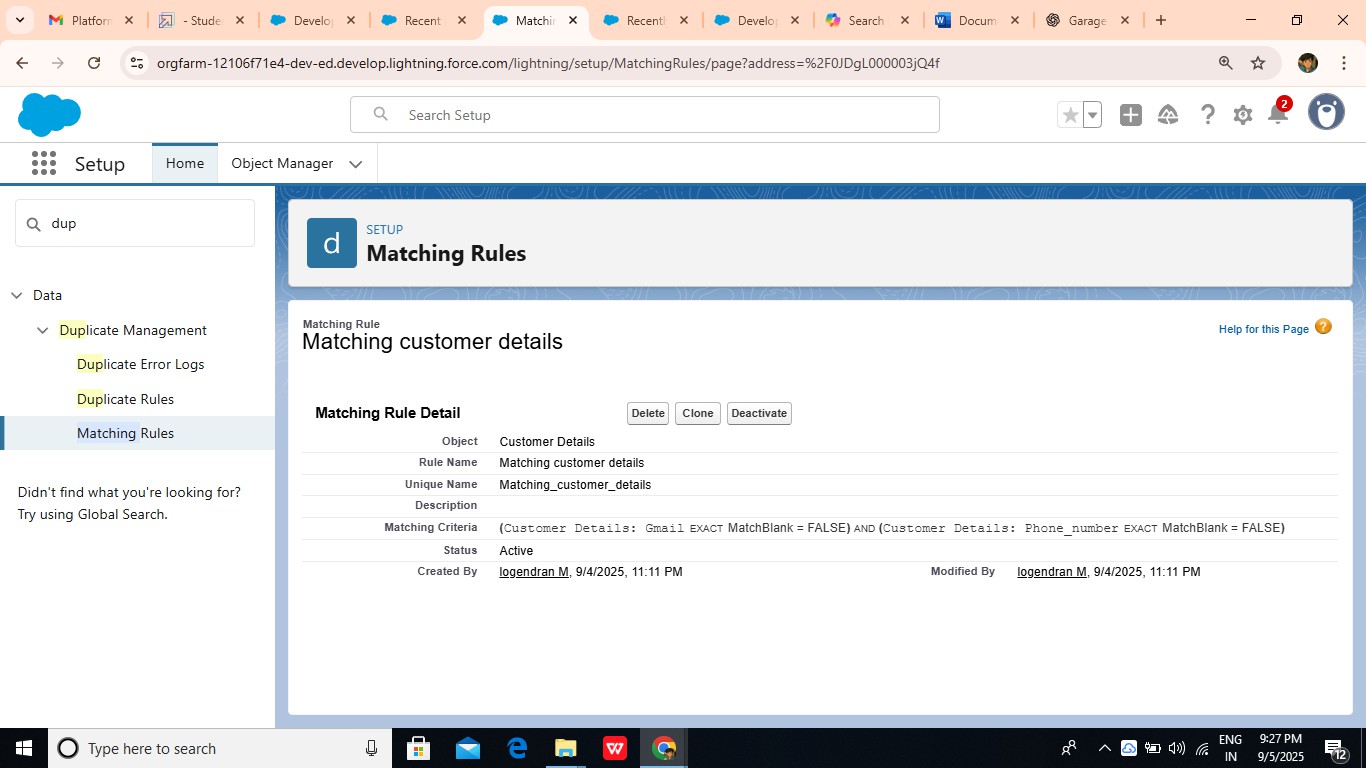


Create Validation rule:

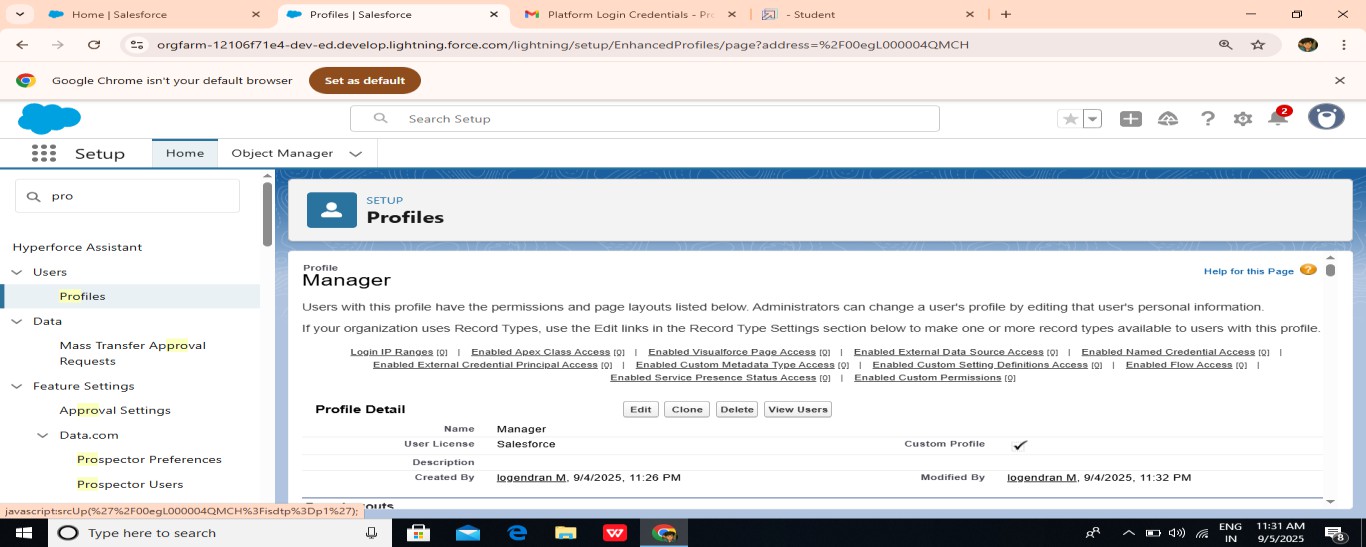


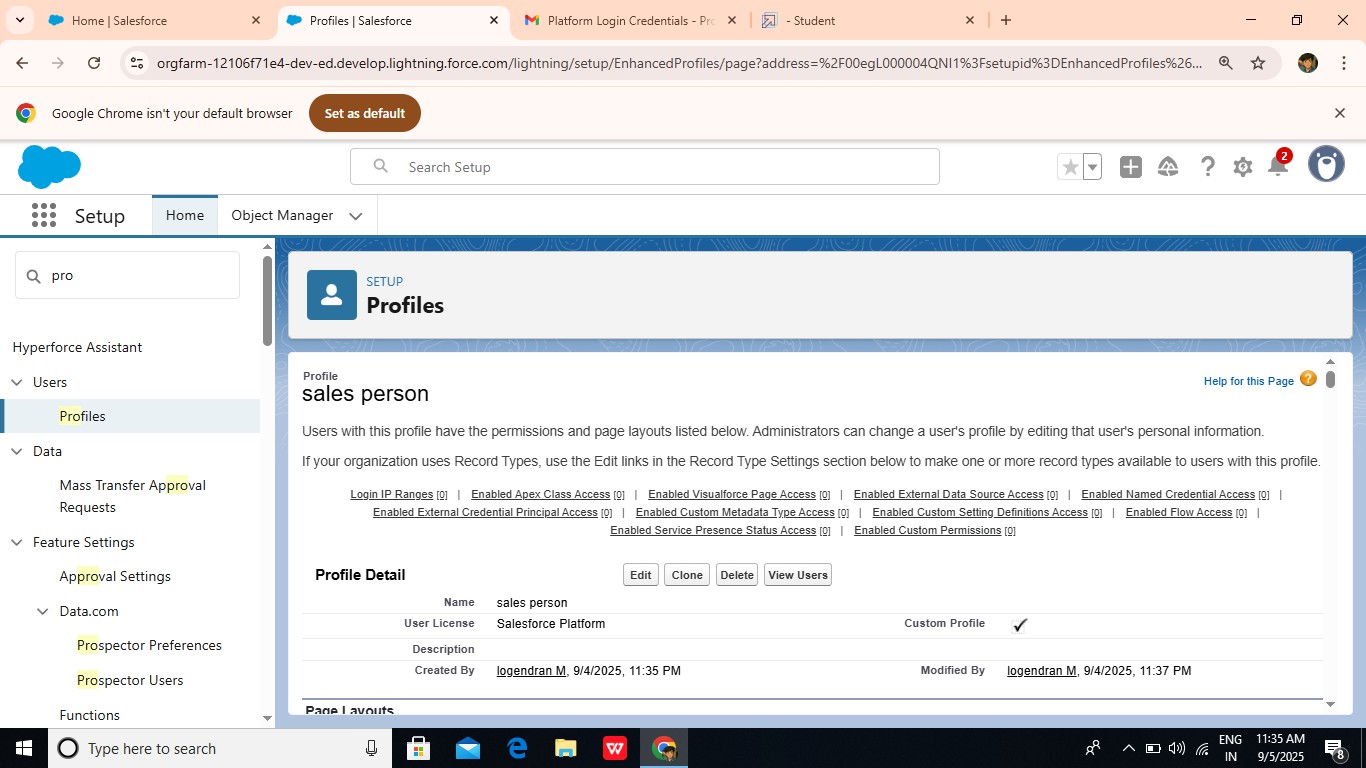


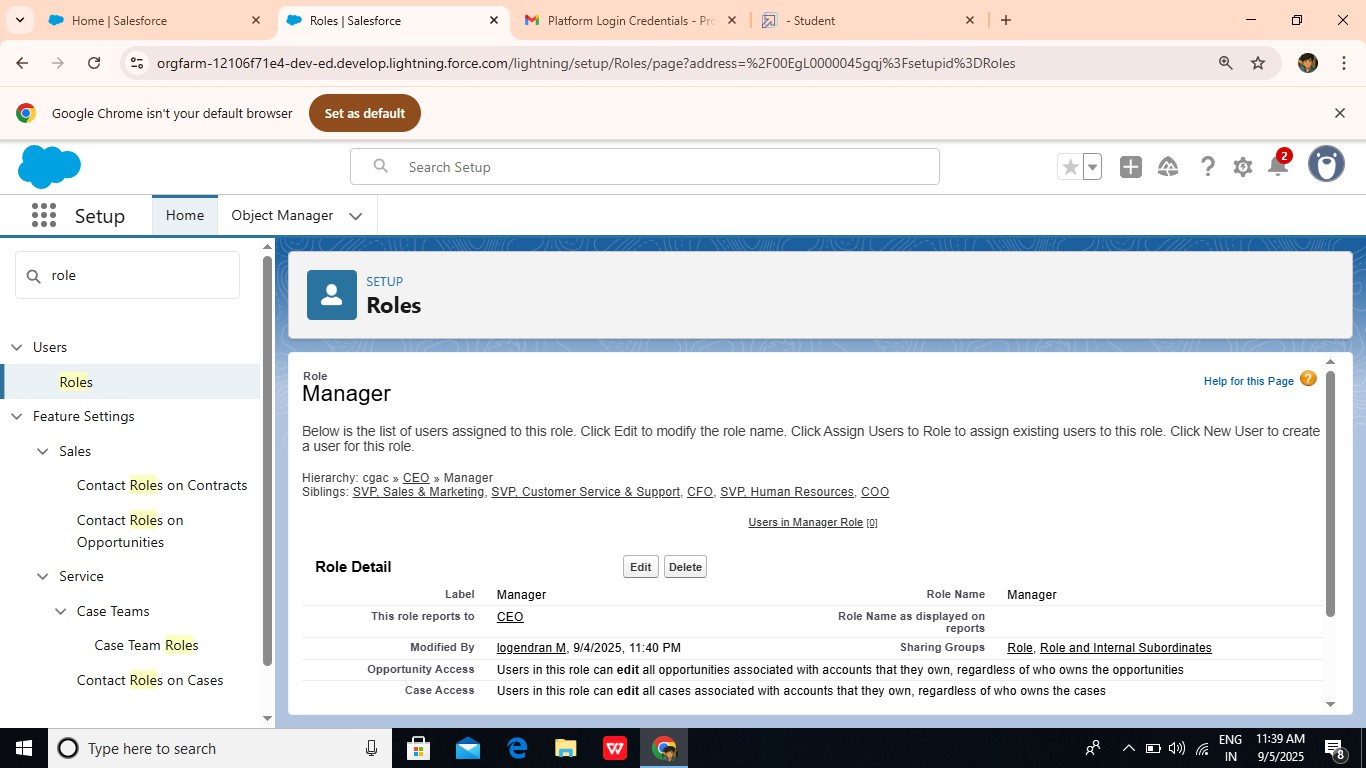
Duplicate rule to an Customer details Object:



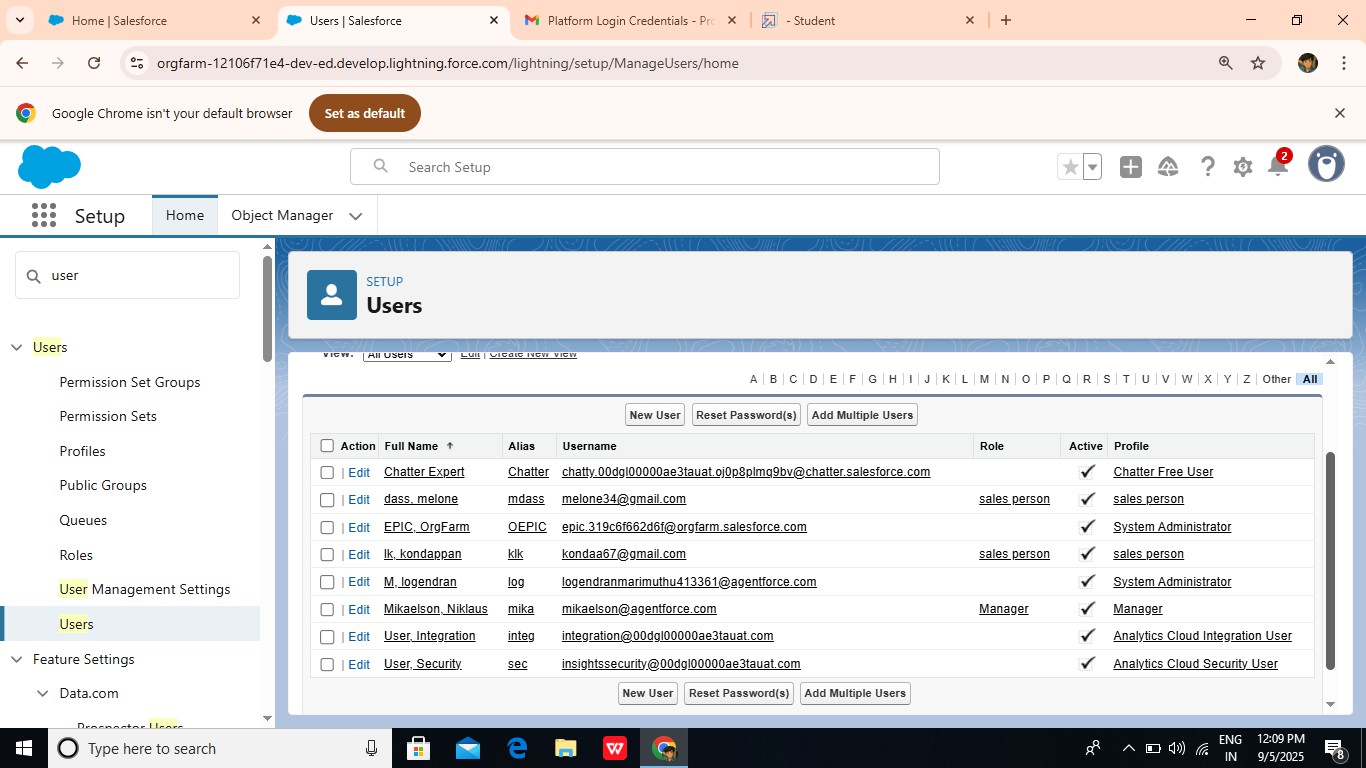
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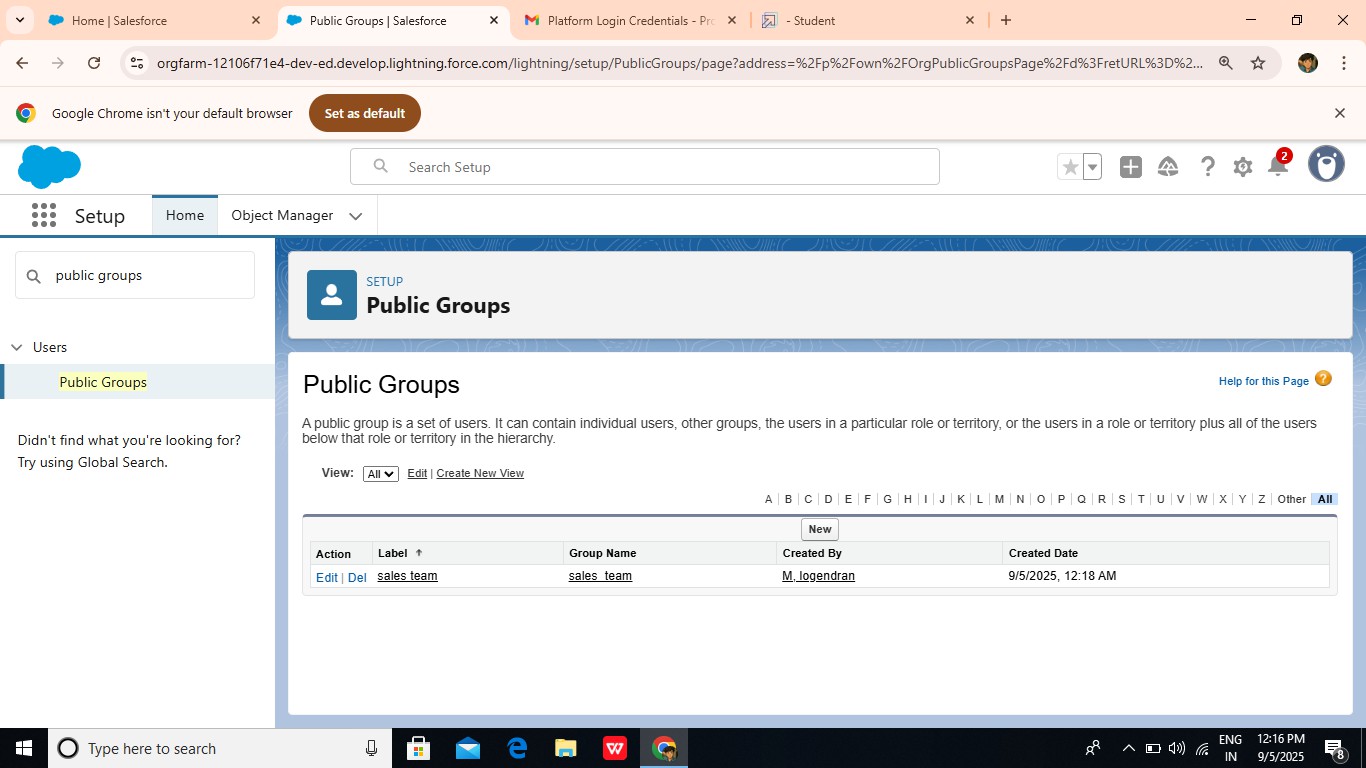
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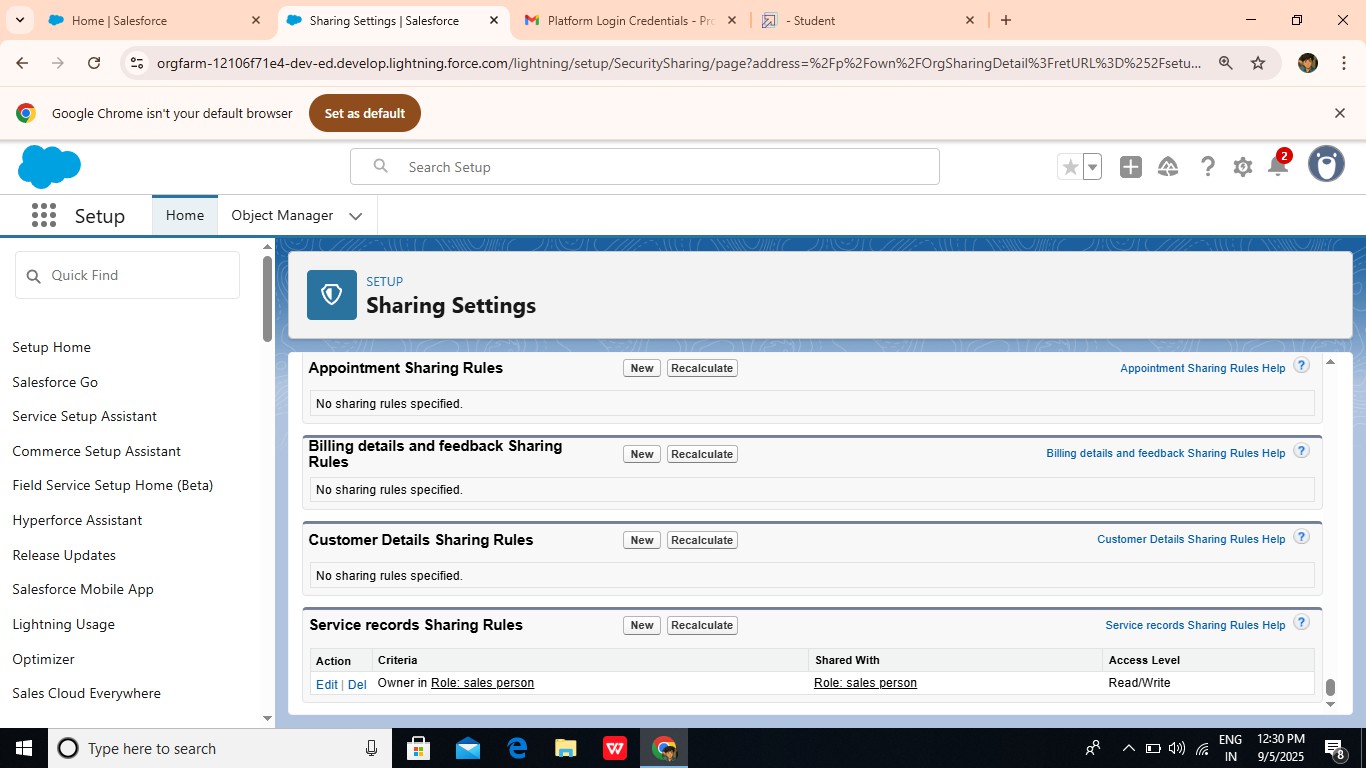
Roles:

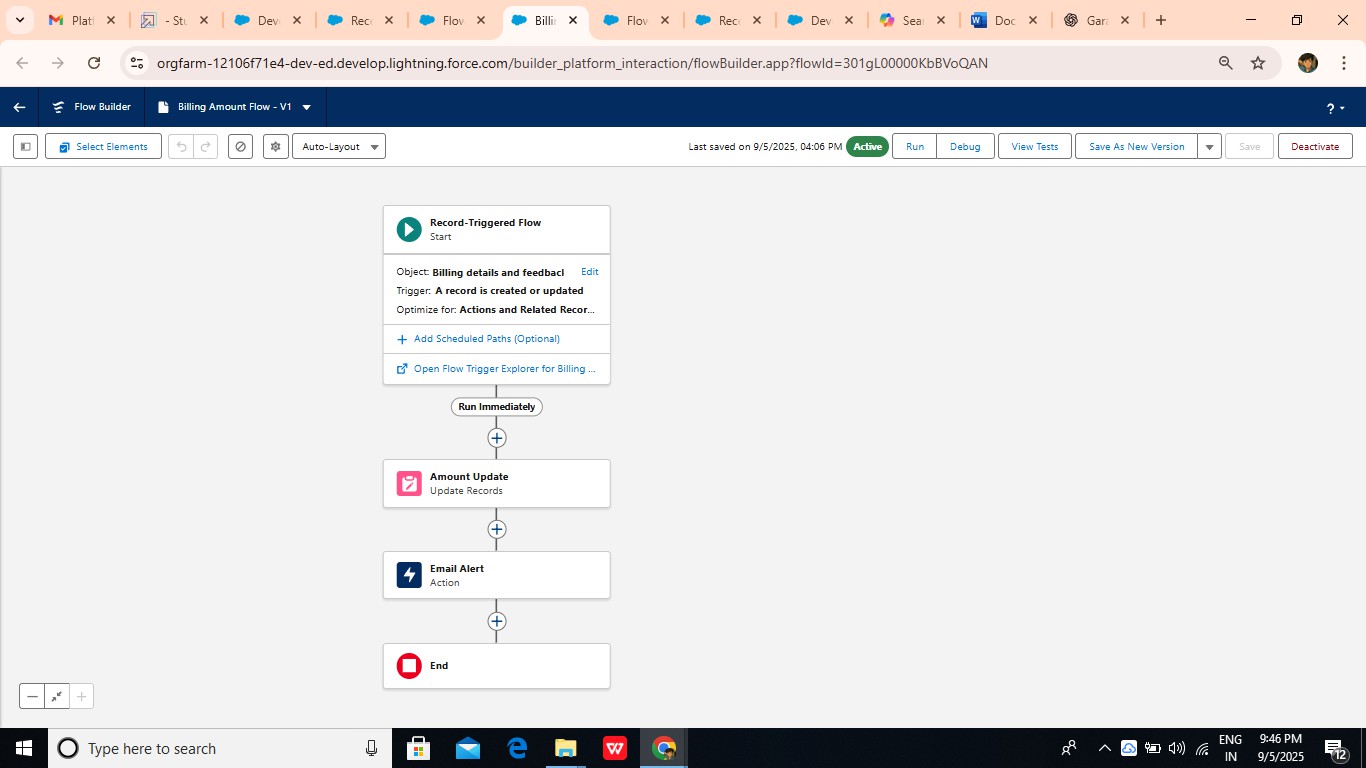
**User:**

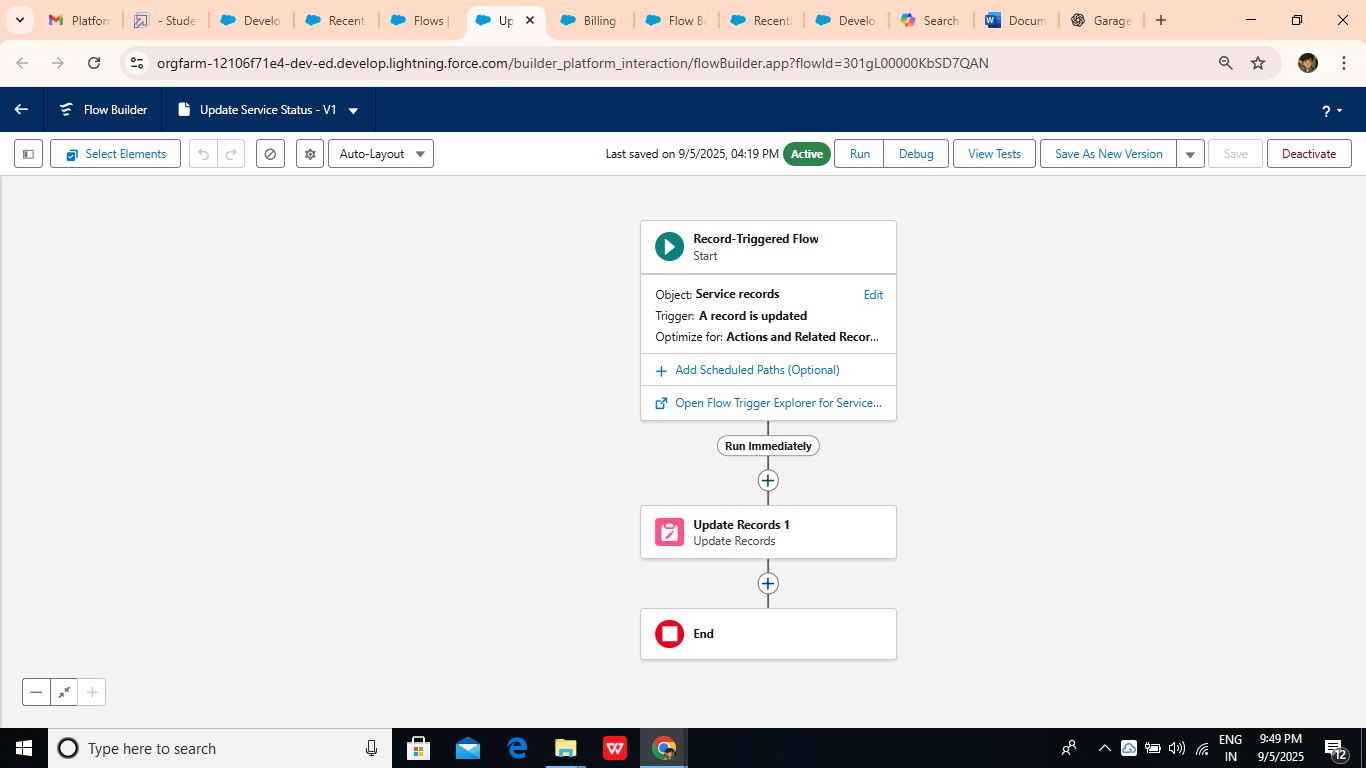


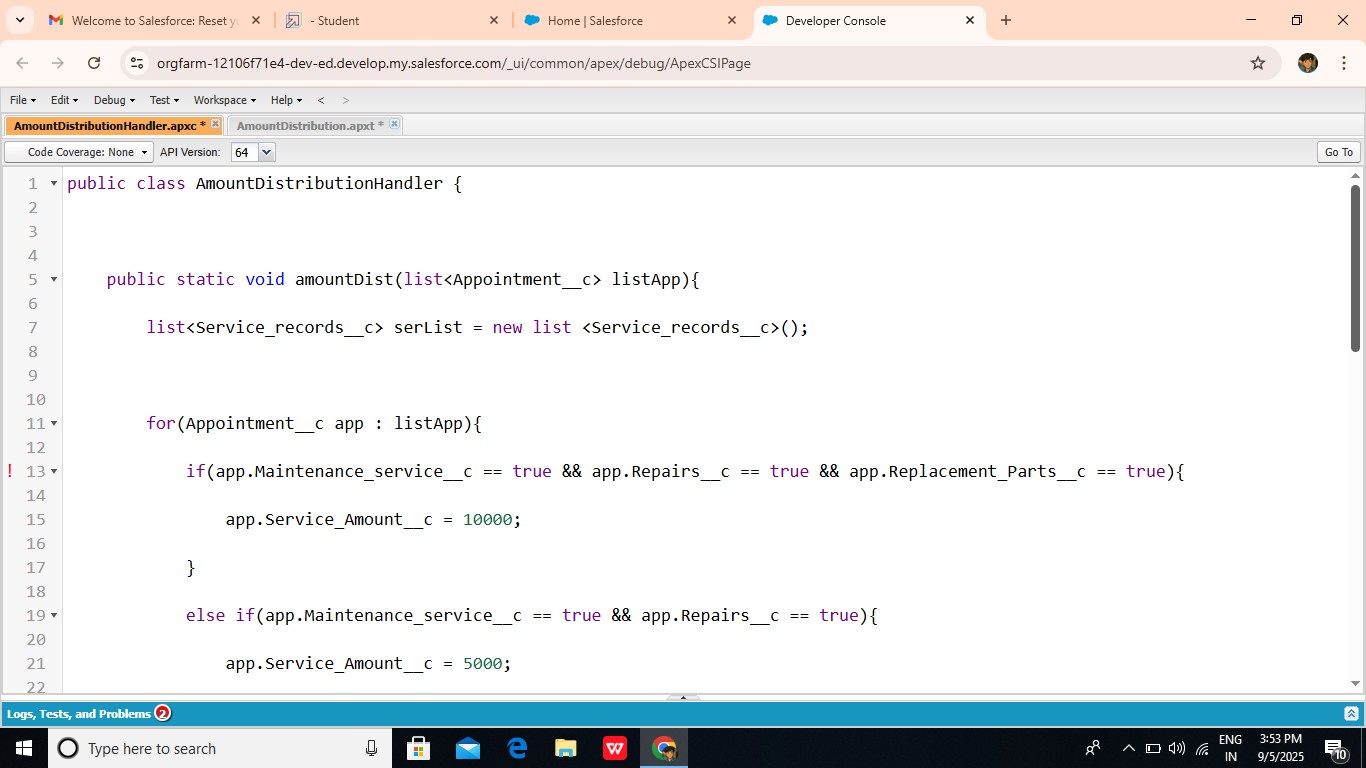
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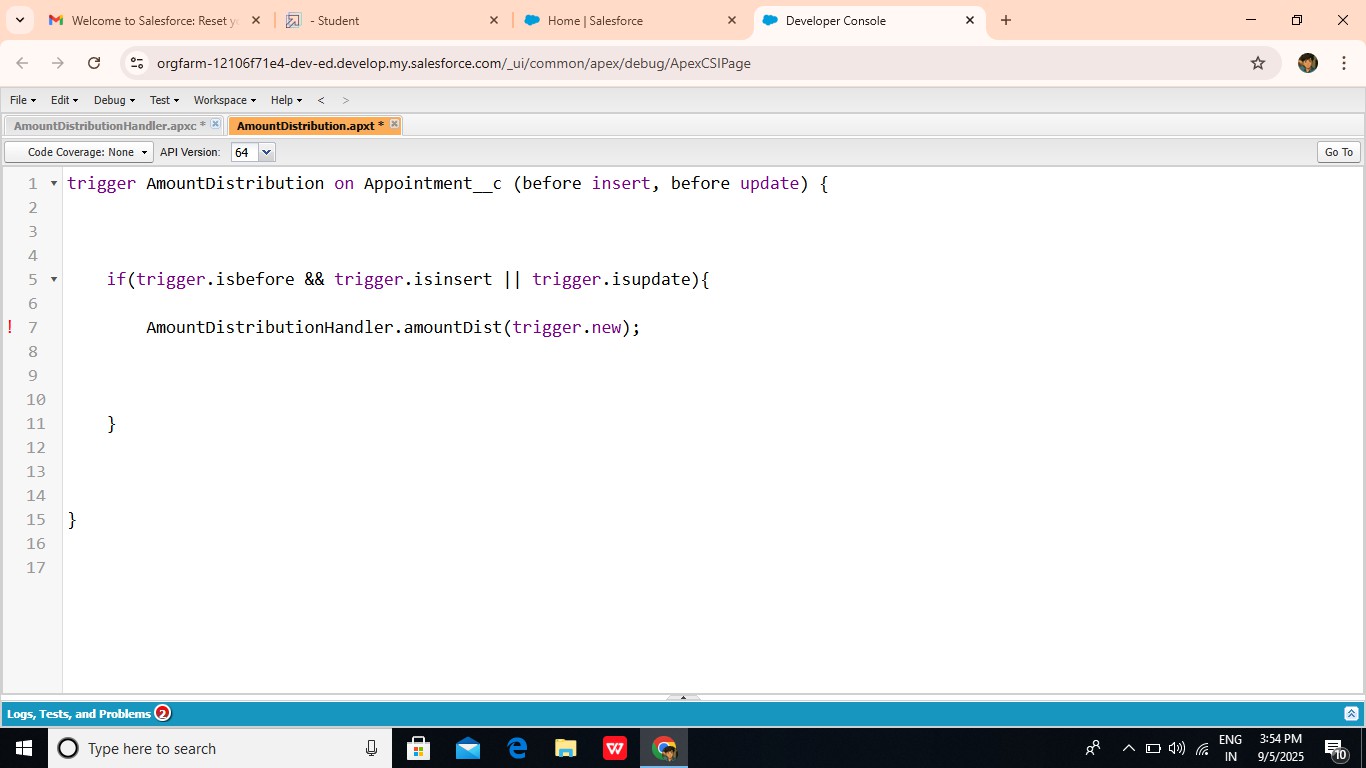
Sharing Setting:



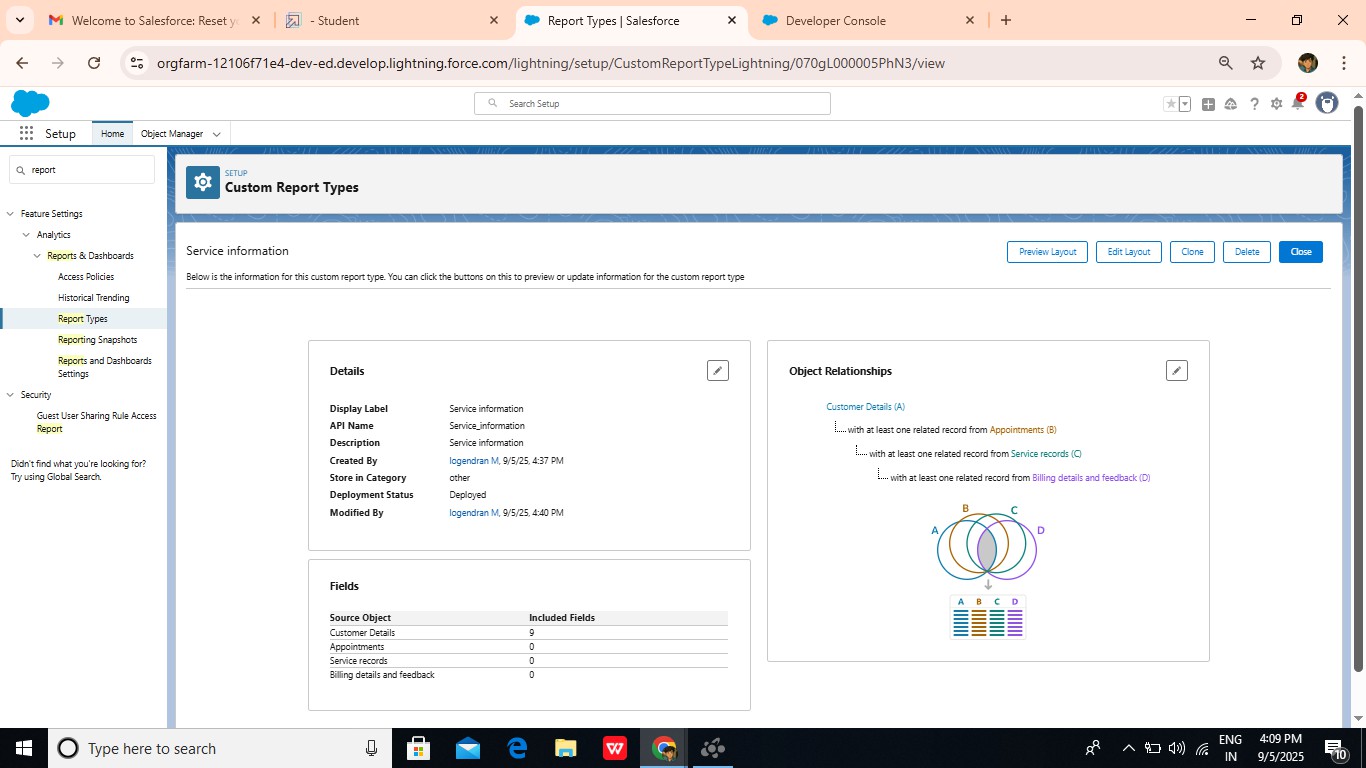
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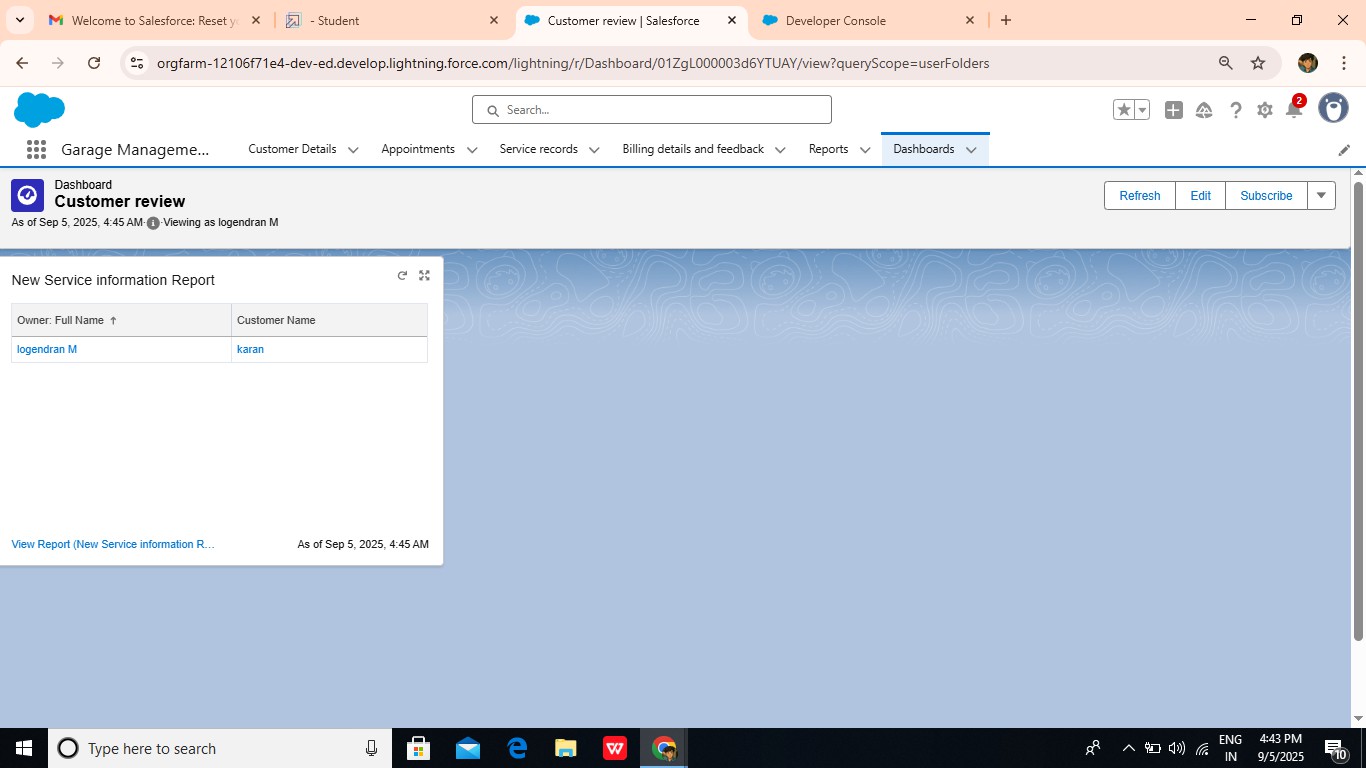
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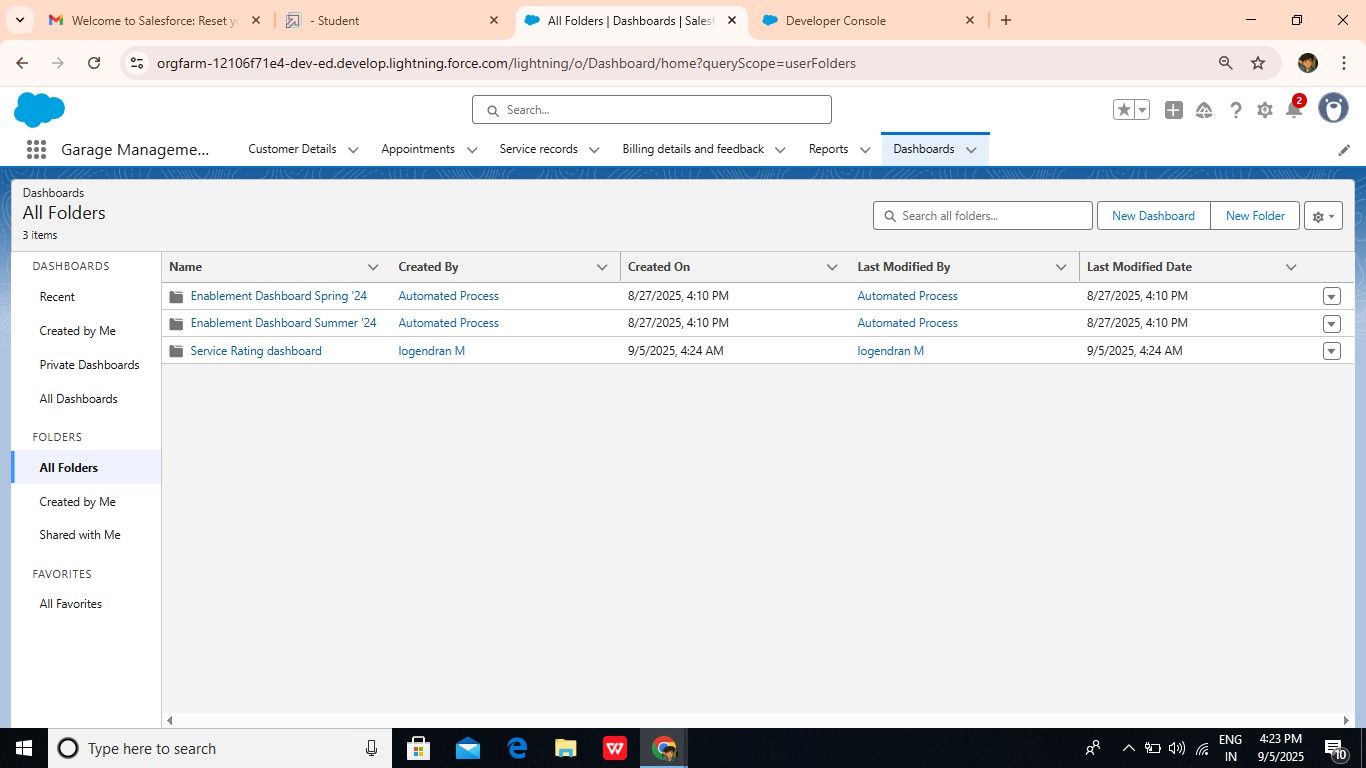
Reports:

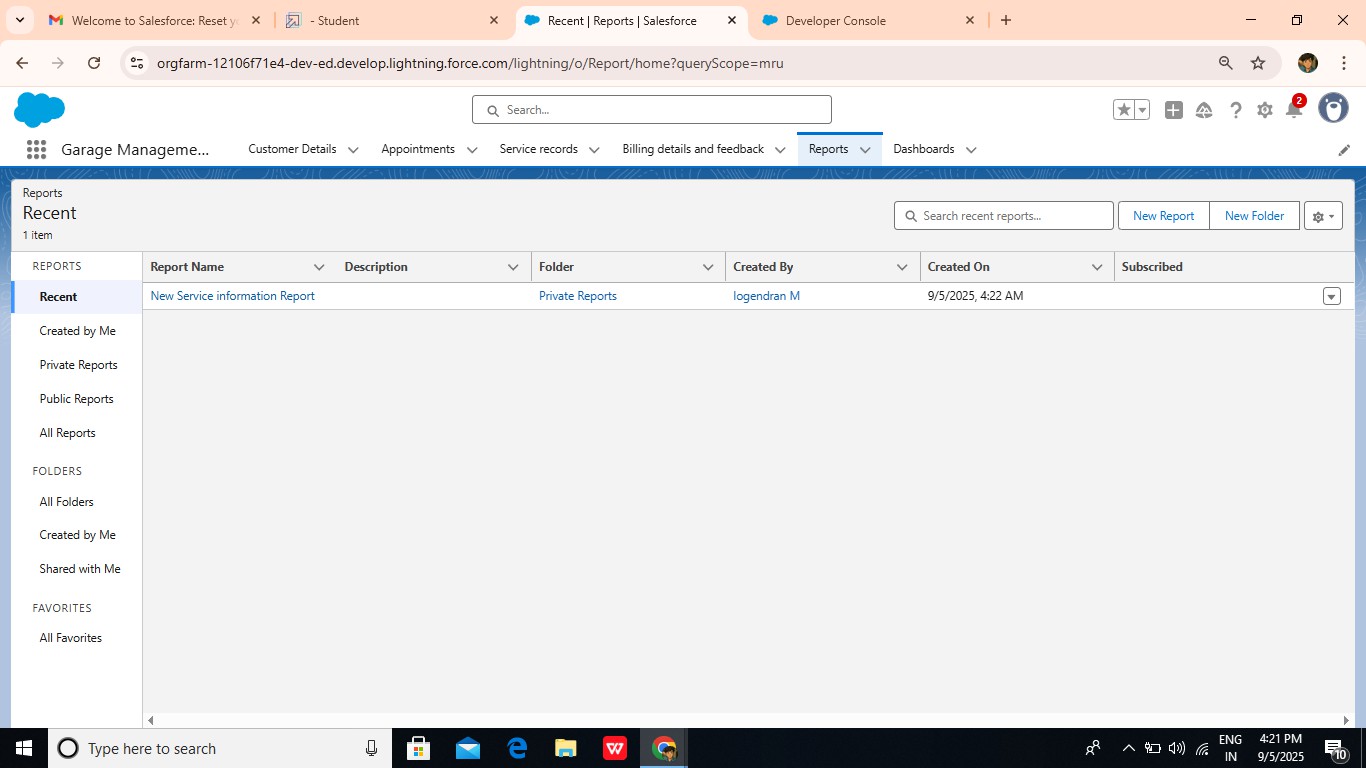


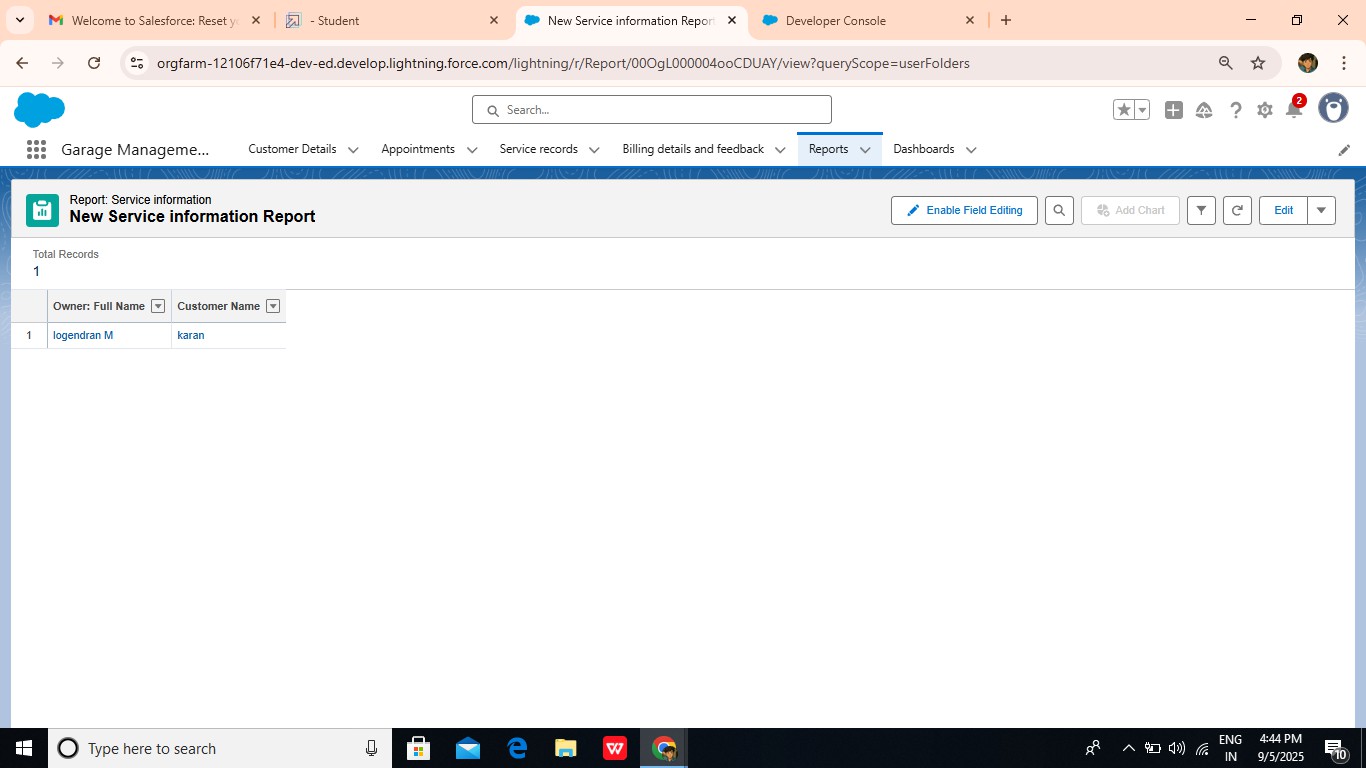
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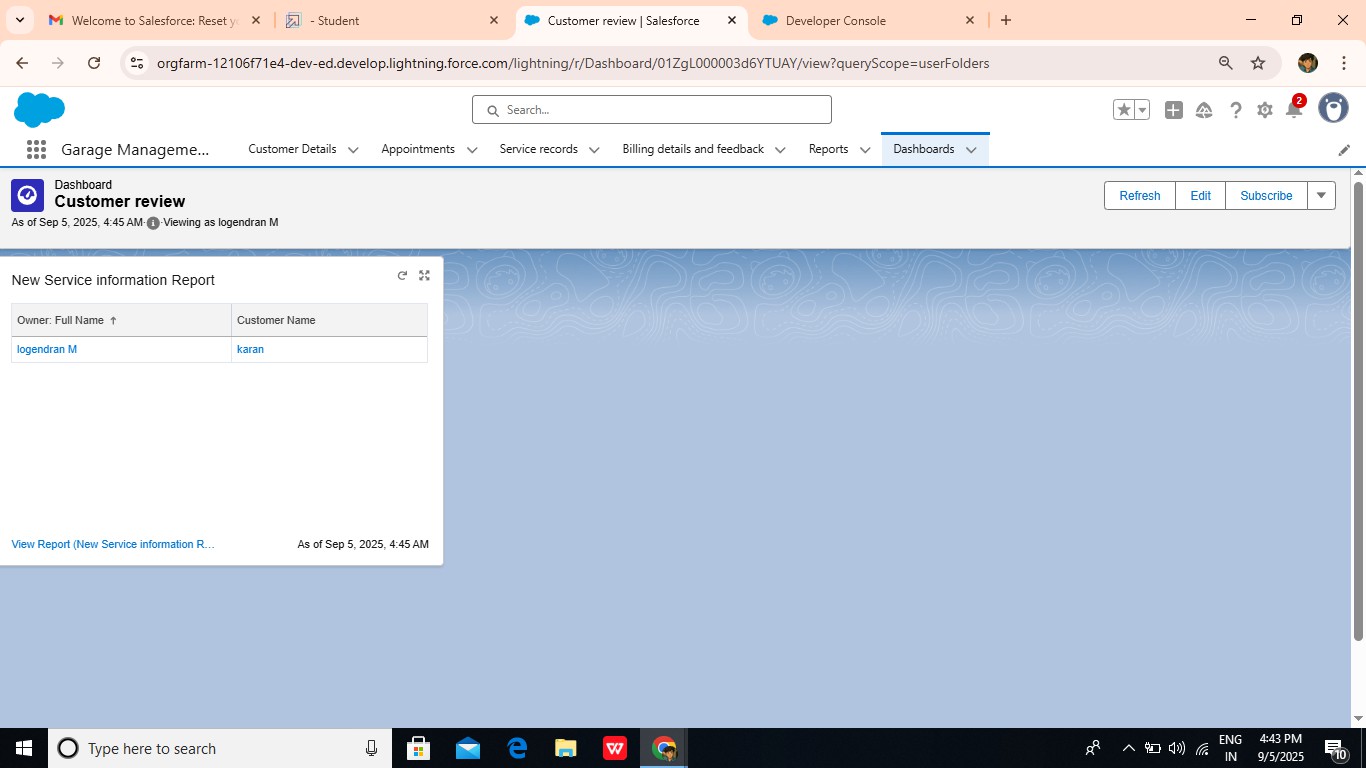


User adoption:









APPENDIX:

Amount distribution handler:

public class AmountDistributionHandler {

public static void amountDist(list<Appointment c> listApp){ list<Service\_records c> serList = new list <Service\_records c>();

for(Appointment c app : listApp){

if(app.Maintenance\_service c == true && app.Repairs c == true && app.Replacement\_Parts c == true){

app.Service\_Amount c = 10000;

}

else if(app.Maintenance\_service c == true && app.Repairs c == true){ app.Service\_Amount c = 5000;

}

else if(app.Maintenance\_service c == true && app.Replacement\_Parts c == true){ app.Service\_Amount c = 8000;

}

else if(app.Repairs c == true && app.Replacement\_Parts c == true){ app.Service\_Amount c = 7000;

}

else if(app.Maintenance\_service c == true){ app.Service\_Amount c = 2000;

}

else if(app.Repairs c == true){ app.Service\_Amount c = 3000;

}

else if(app.Replacement\_Parts c == true){ app.Service\_Amount c = 5000;

}

}

}

}

Trigger Handler :

trigger AmountDistribution on Appointment c (before insert, before update) {

if(trigger.isbefore && trigger.isinsert || trigger.isupdate){ AmountDistributionHandler.amountDist(trigger.new);

}

}

CONCLUSION:

The **Garage Management System (GMS)**, built on the **Salesforce platform**, is a powerful and scalable solution designed to streamline the operations of automotive service centers. By leveraging **Salesforce’s robust CRM capabilities**, the system not only optimizes internal workflows such as **service booking, work order management, inventory tracking**, and **billing**, but also enhances the **customer experience** through real-time engagement via portals, notifications, and self-service options.