



Capstone Project Report
On
“Travel Approval App”

Git Hub: https://github.com/karimunn/capstone_project.git

Submitted by:

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Batch WIP-SF-13

LMS Id: MGSA_533

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Abstract

Every travel organization requires a Travel Approval Application. This department deals with the approval of travel requests. It also allows for prime levels of control and oversight over travel bookings, policy and budget. The approval process is usually often lengthy and requires a lot of paperwork. It requires so much of time and work efforts to complete it. To eradicate human errors and achieve perfect data and procedures, the use of software is considered a smart choice.

Therefore, with the help of Customer Relation Management (CRM) software services provided by Salesforce, we are making a travel approval application. It starts with building of data model where the objects and fields comes into picture follows by customizing the user interface where we Use list views and page layouts to streamline an app user's experience. Every application generally needed a business logic so in this it is achieved by validation rules , formula fields and approval process. Finally, to analyze travel approvals we add reports and dashboards. This application will help them in keeping track of the complete travel approval process.

Introduction

Salesforce is a cloud-based software company that provides its customers with a platform to develop their own applications without following the tough steps that they used to follow in the legacy system. The software or application once created can be uploaded onto the cloud allowing the end-users to view them.

Salesforce is currently providing various software solutions and platforms for developers to create and distribute custom software/applications. Tech giants like Google, Twitter, Amazon, and Facebook are using Salesforce either in the form of SaaS or PaaS.



Salesforce developers can make an application on the cloud and share it with multiple companies across multiple domains by using Salesforce.

Talking about HR systems, every company across the globe has an HR team. Each HR team would require an HR application to store employee records. Almost all specifications for such an application would be common for all companies. So, as a developer, it would be very easy to create a Salesforce application for such specifications, post it onto the cloud, and provide it as a service to multiple clients at the same time. Maintenance of the same can be done altogether too. So basically, the problem of scalability gets eliminated.

Flow of the Project

1. Travel Request Submission: Sales representatives submit travel requests using the Travel Approval App within the Salesforce platform. The request includes details such as travel dates, destinations, budgets, and purpose.

Automated Routing of Requests: The app automatically routes the travel request to the appropriate approvers based on pre-defined rules and workflows. This ensures that requests are reviewed by the right people, in the right order

1. Review and Approval: Approvers receive notifications when a travel request requires their approval. They can review the request details and approve or reject it within the app.

2. Notification and Feedback: Sales representatives are notified of the approval or rejection of their travel request. If rejected, the app may allow the representative to revise and resubmit the request.

3. Real-Time Reporting: The app provides real-time visibility into travel requests and approvals, allowing sales managers to monitor travel spend and make informed decisions about their teams' travel plans.

Software Requirements

For the fastest and most stable experience, we recommend:

- An Octane 2.0 score of 30,000 or greater
- Network latency of 150 ms or less
- Download speed of 3 Mbps or greater
- At least 8 GB of RAM, with 3 GB available for Salesforce browser tabs

Minimum requirements are:

- An Octane 2.0 score of 20,000 or greater
- Network latency of 200 ms or less
- Download speed of 1 Mbps or greater
- At least 5 GB of RAM, with 2 GB available for Salesforce browser tabs

OR

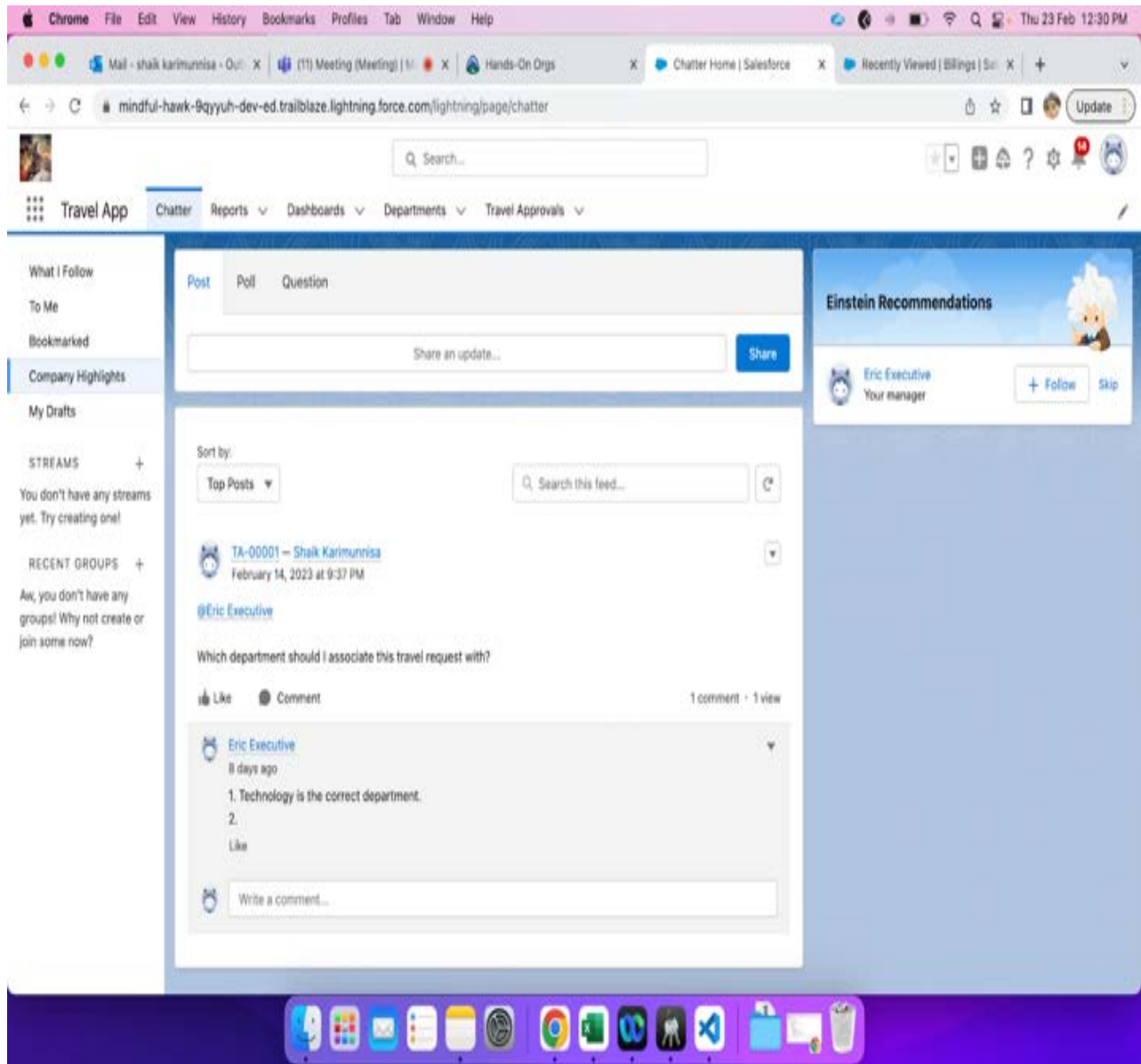
Requirements	
Windows	
Operating system	Windows 8.1 64-bit, Windows 8 64-bit, Windows 7 Service Pack 1 64-bit, Windows Vista Service Pack 2 64-bit
CPU	Core 2 Quad Q6600 at 2.4 GHz or AMD Phenom 9850 at 2.5 GHz

Memory	4 GB RAM
Free space	65 GB of free space
Graphics hardware	DirectX 10-compatible GPU : GeForce 9800GT 1GB or ATI Radeon HD 4870 1GB
Sound hardware	DirectX 10 compatible sound card

Module 1

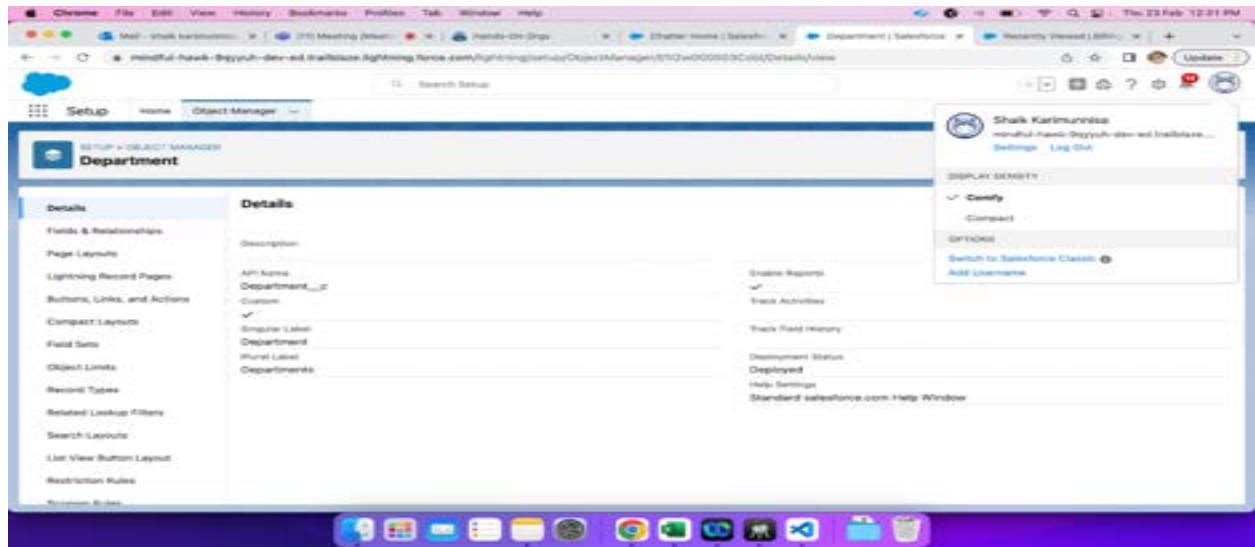
Exercise - 1

Step - 1

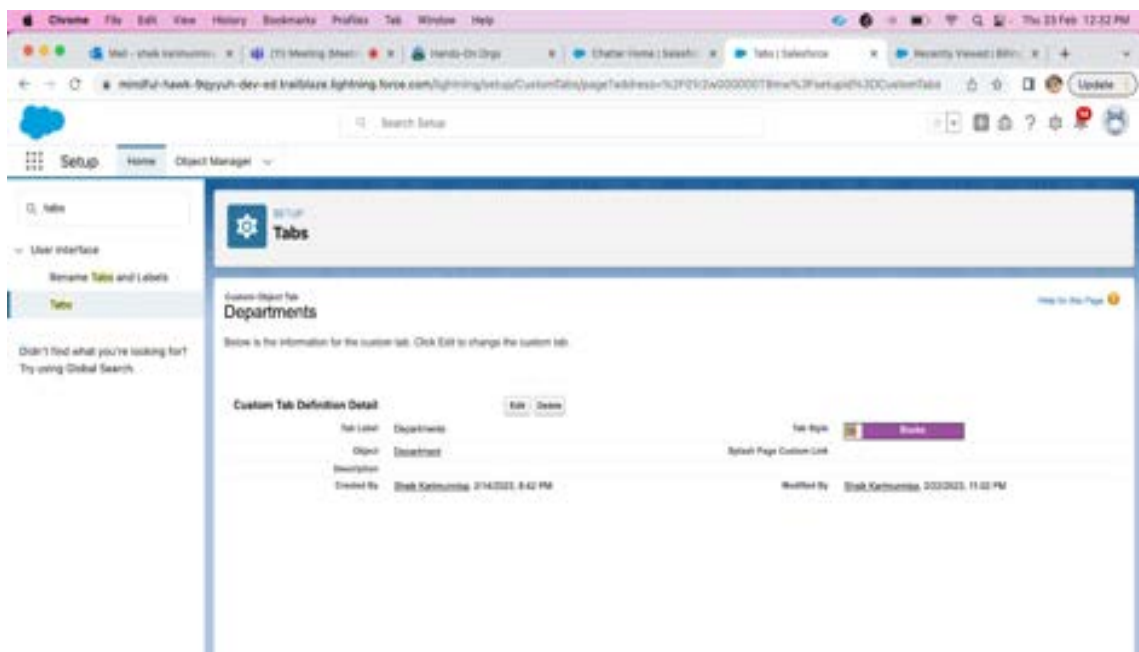


Step 2

Created Department Custom Object

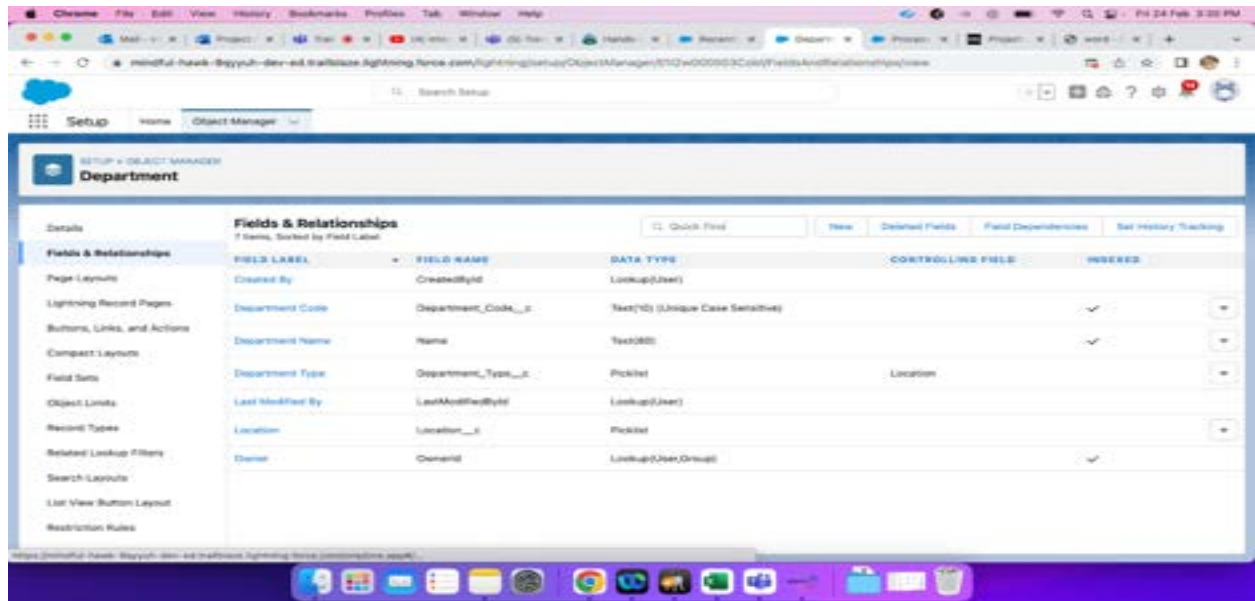


Created new Custom object Tab

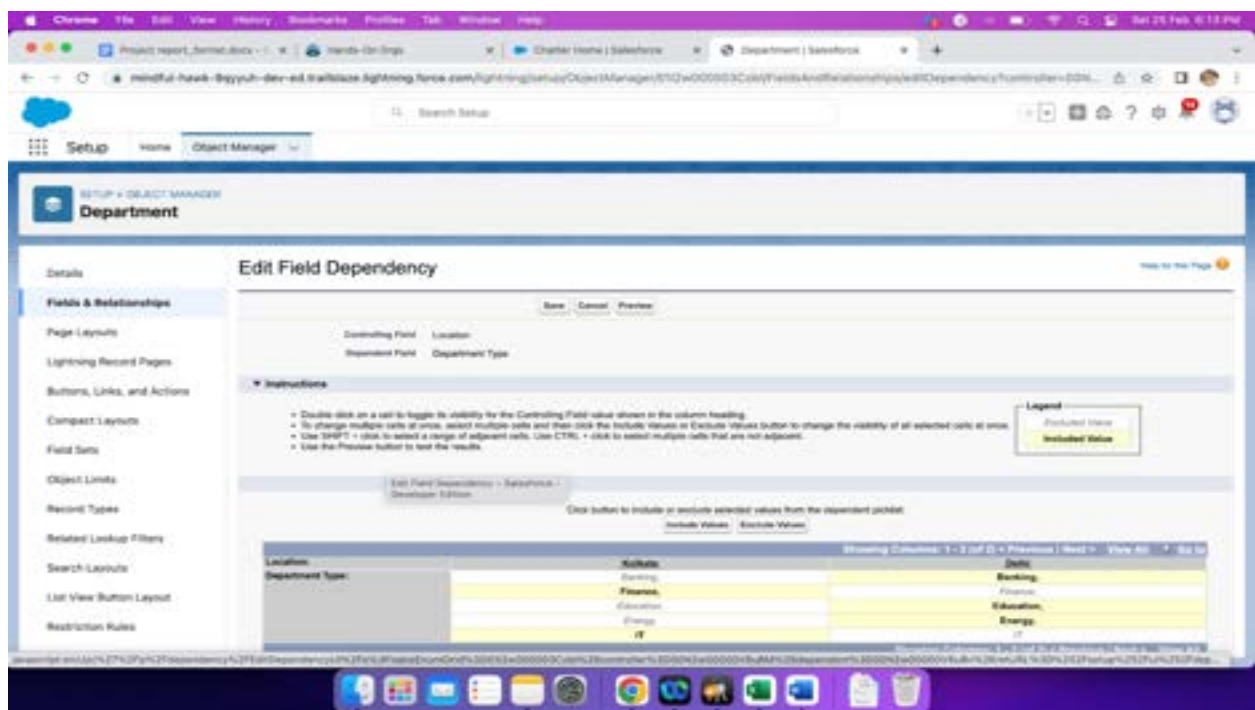


Step 3

Created all the required Custom Fields

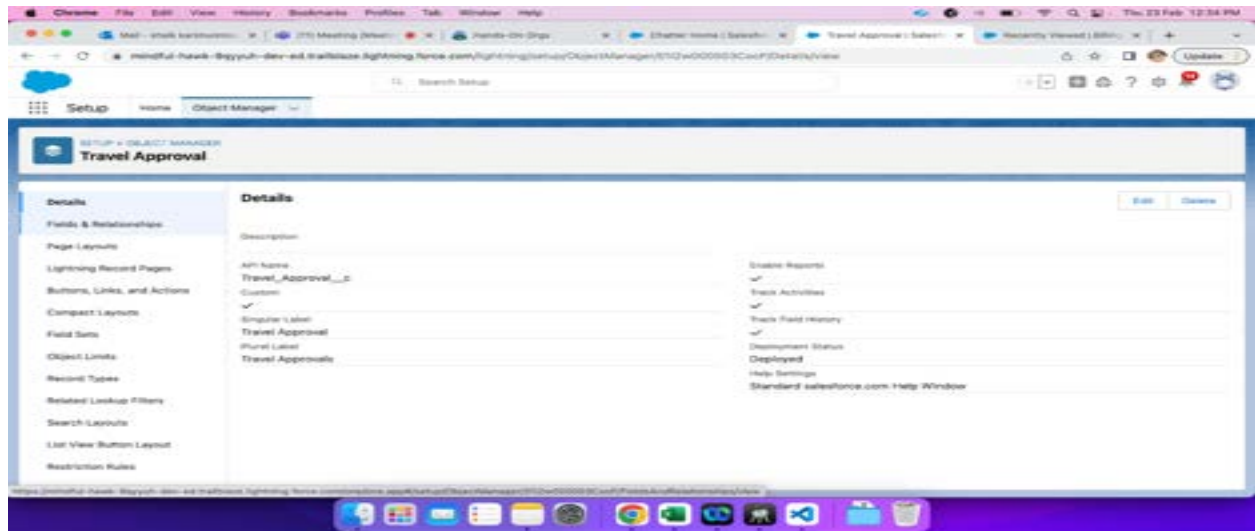


Create Field Dependency

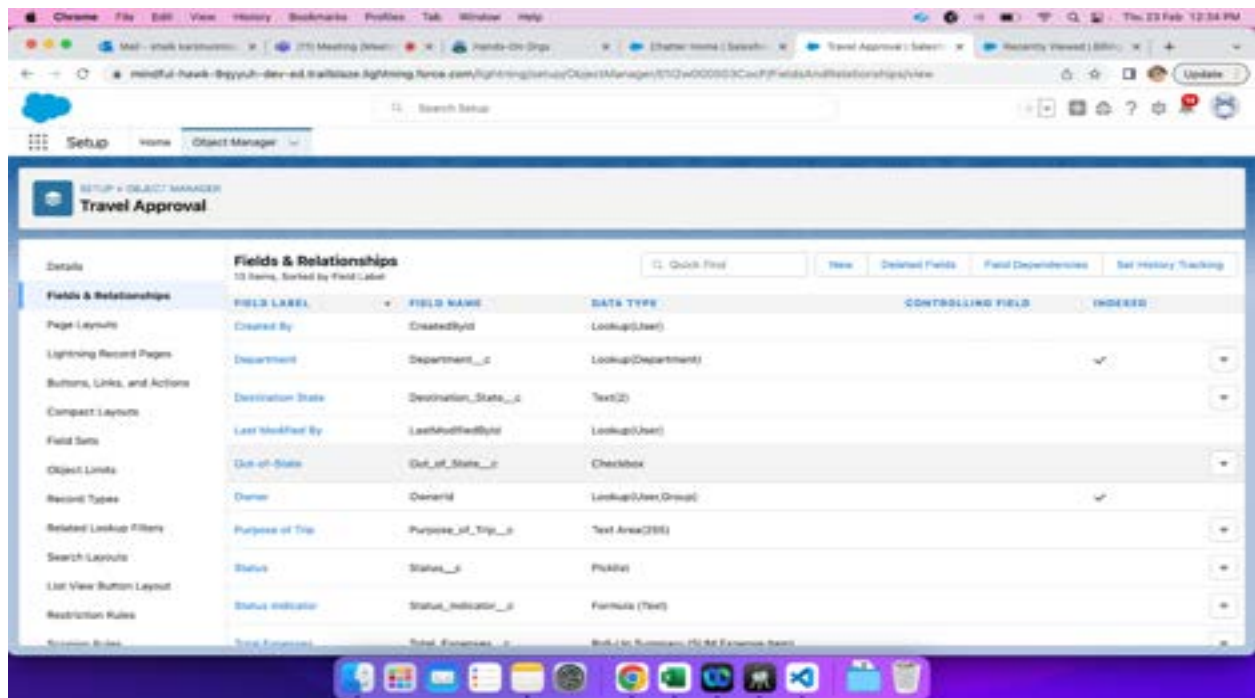


Step 4

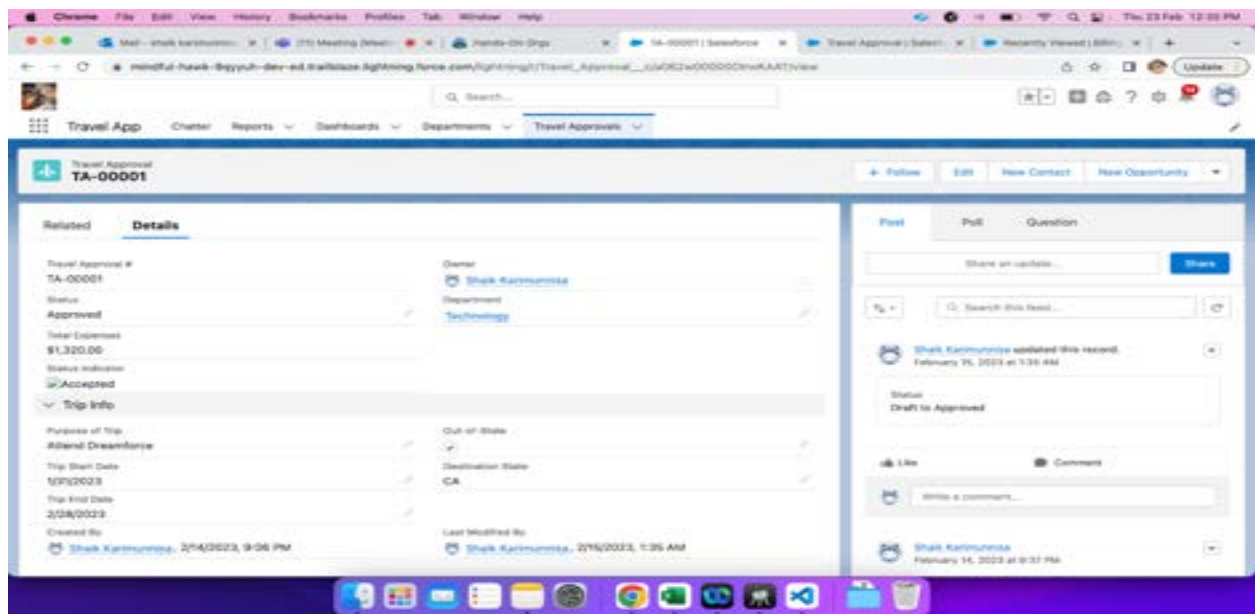
Created the required Travel Approval Object



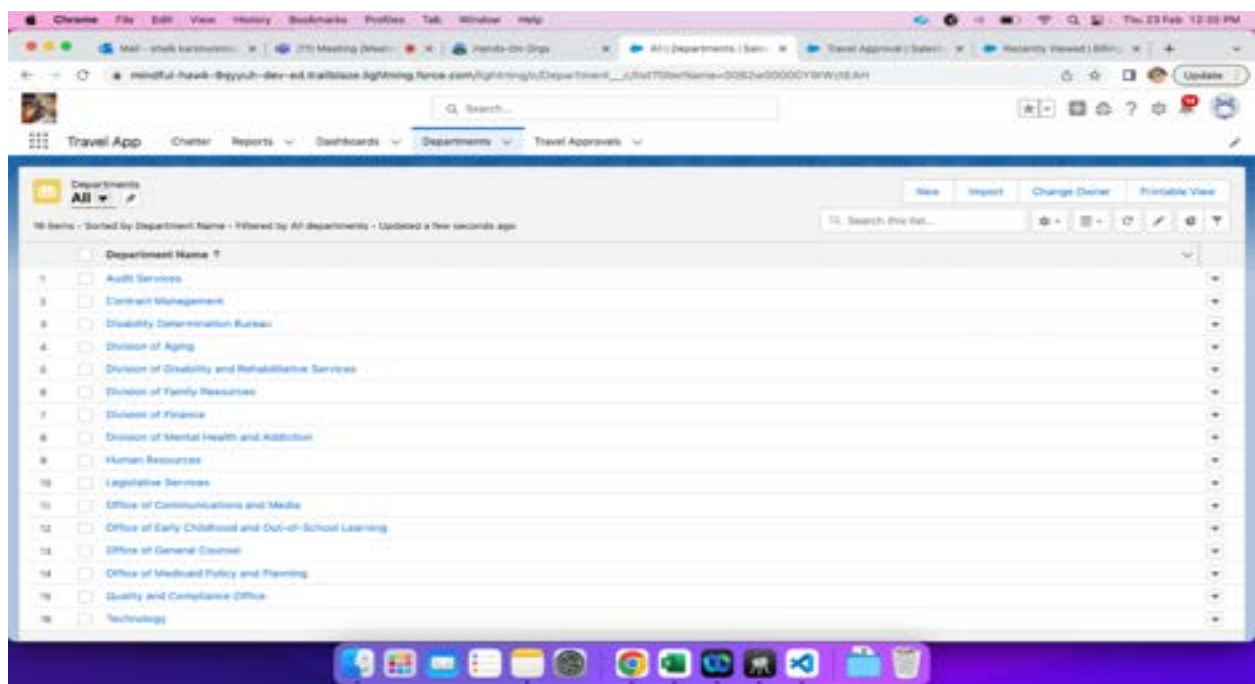
Created the required Fields



After Testing the App



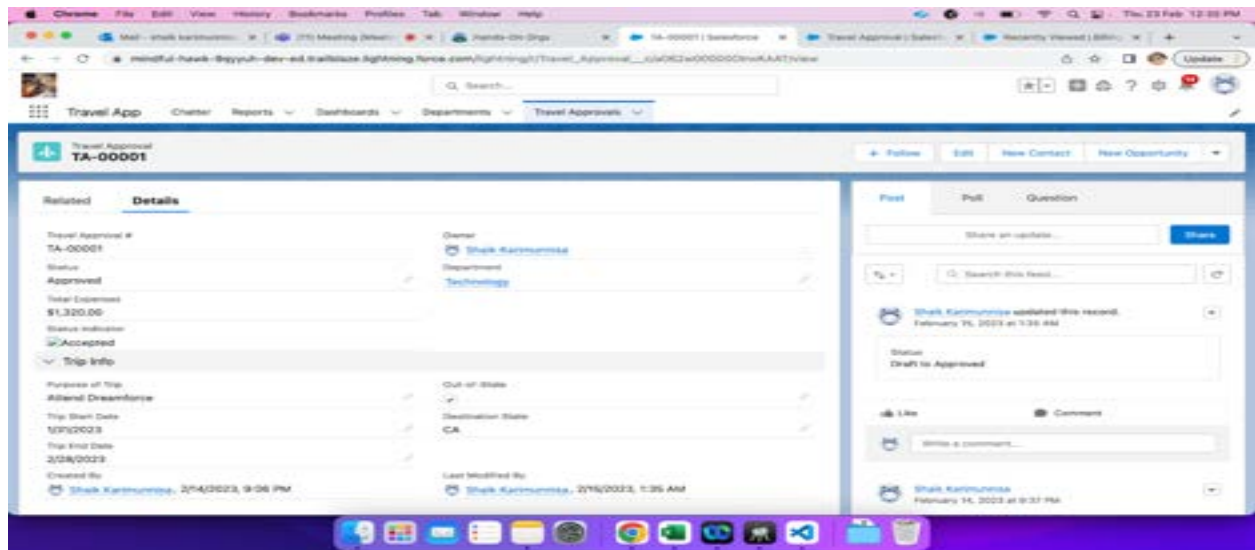
Step 5 Imported Department.CSV file using Data Import Wizard



Exercise 2

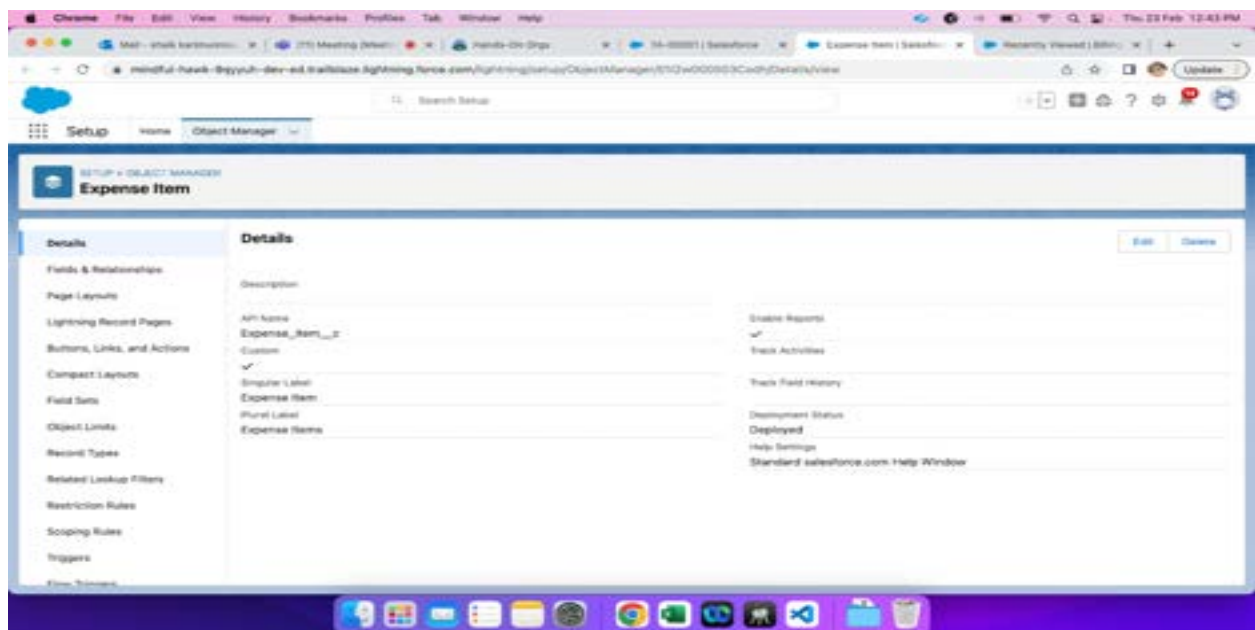
Step-1

Created Travel Approval record



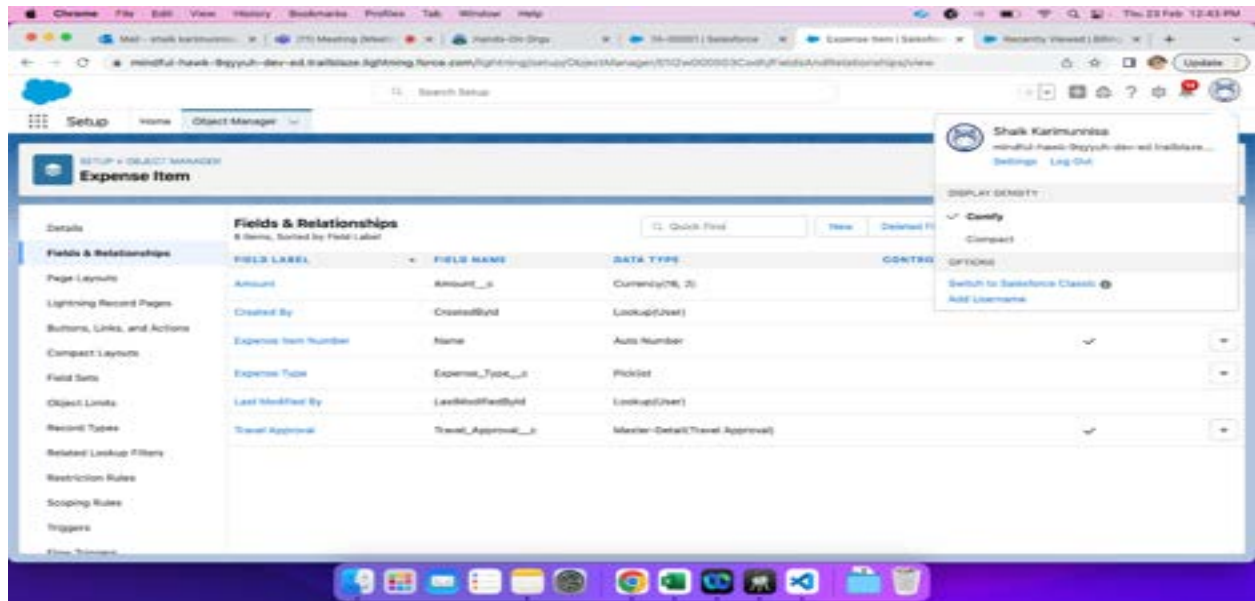
Step 2

Created Expense Item Custom Object



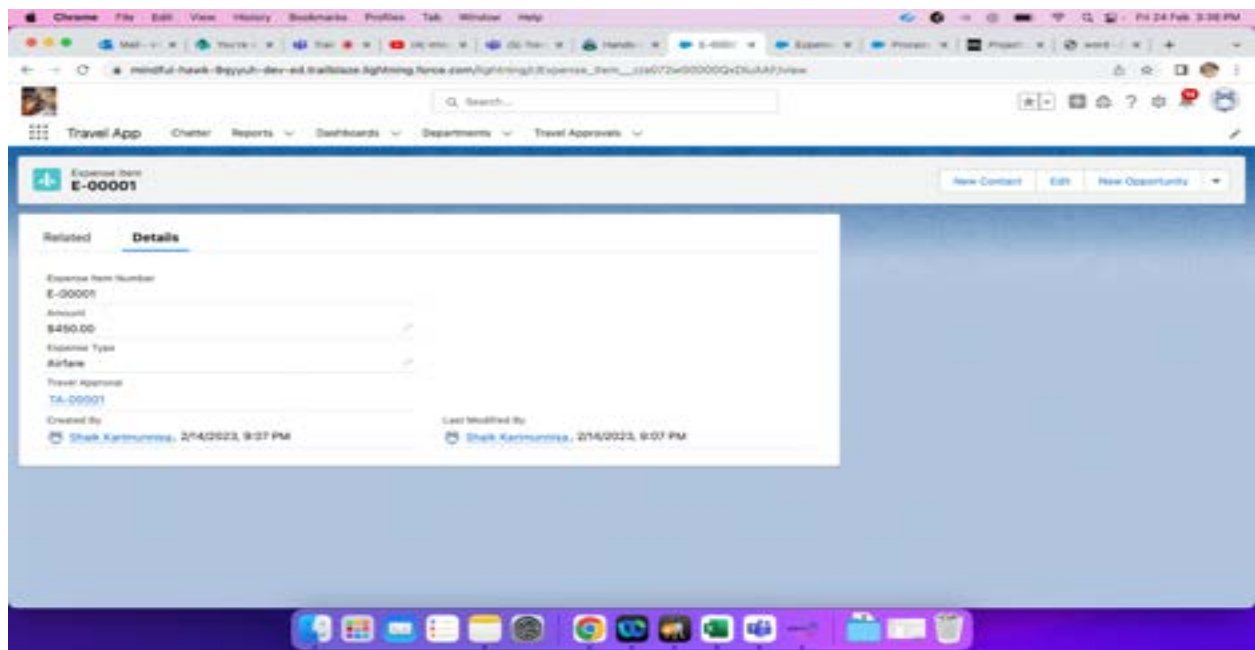
Step 3

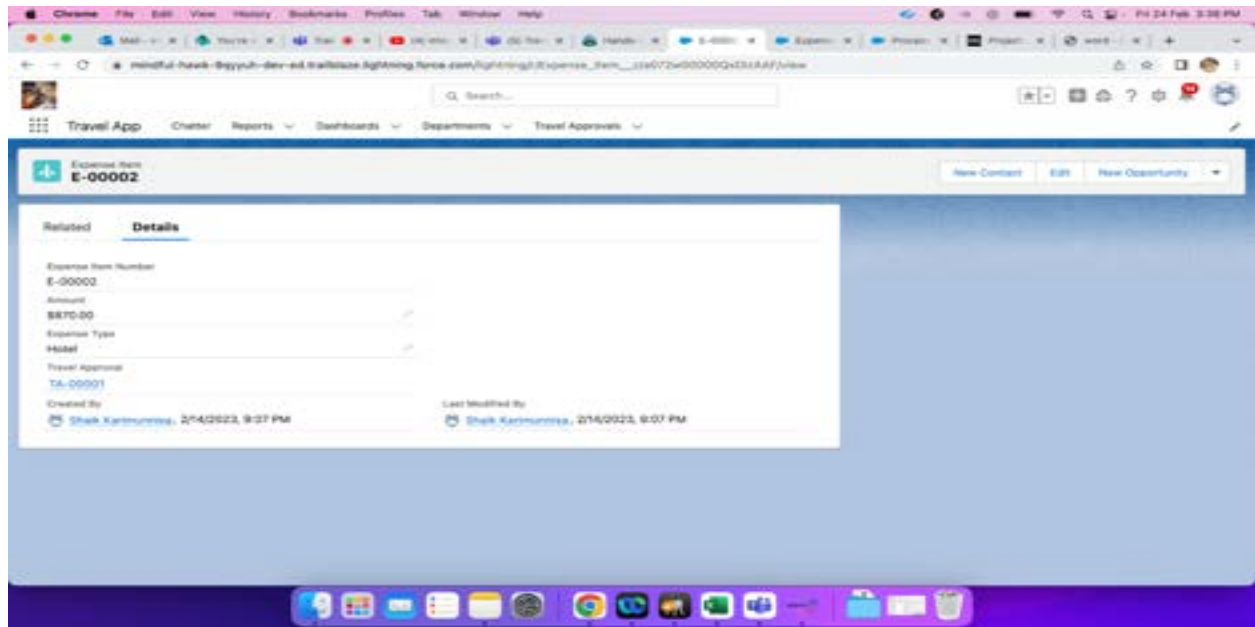
Created Custom Fields



Step 4

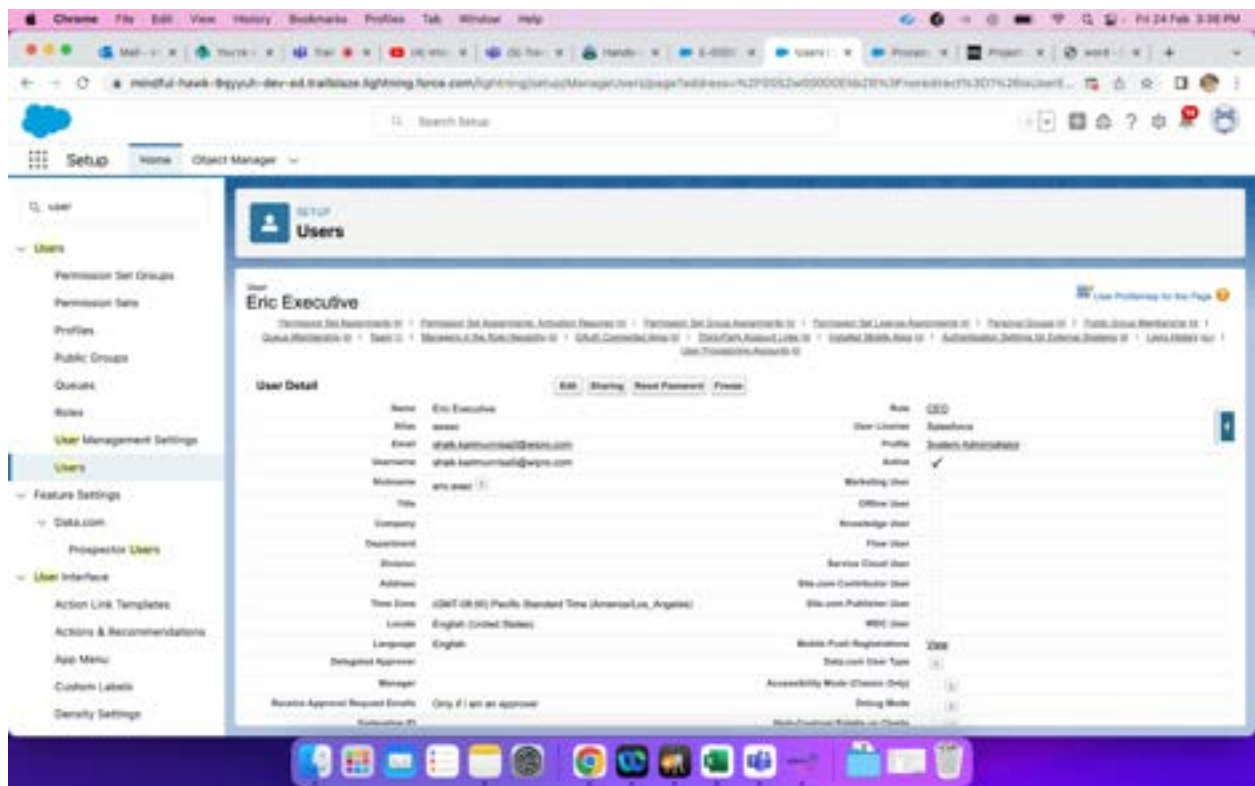
Created Records





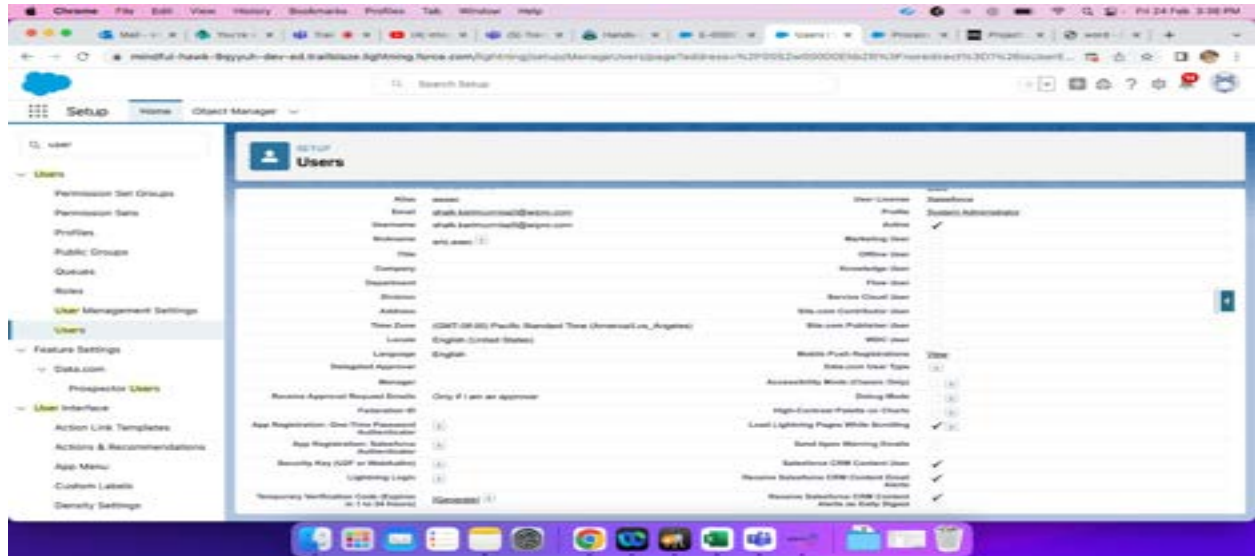
Step 5

Created User Eric



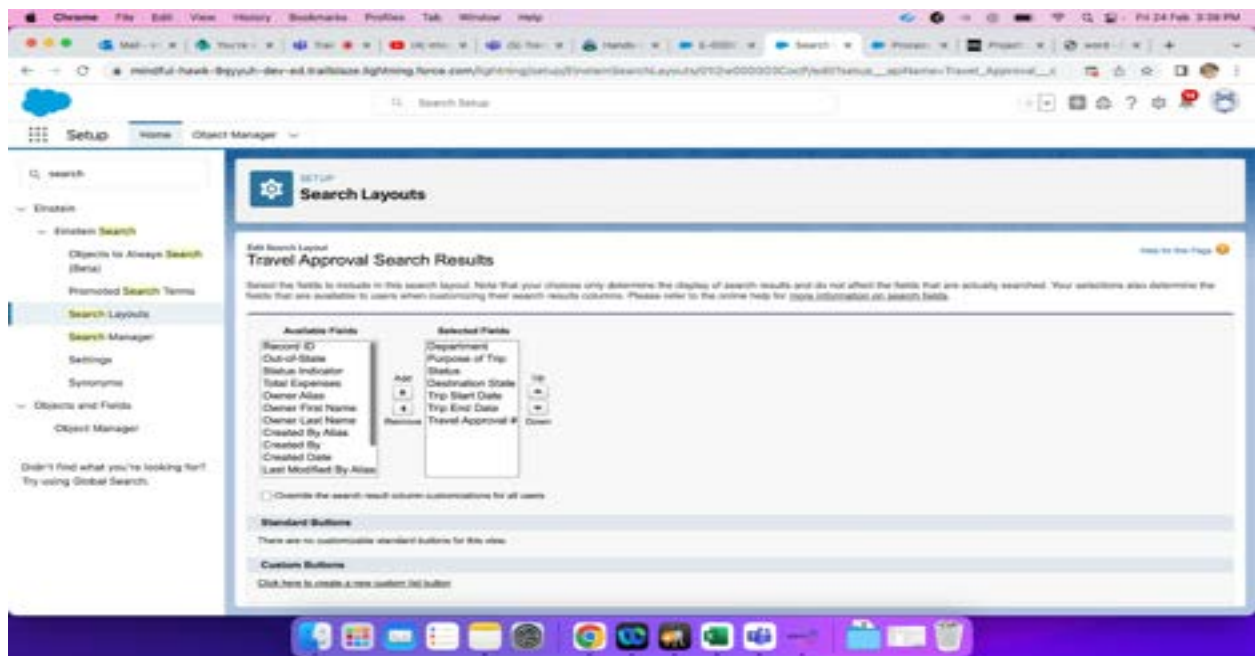
Step 6

Added Eric Executive as manager to System Administrator



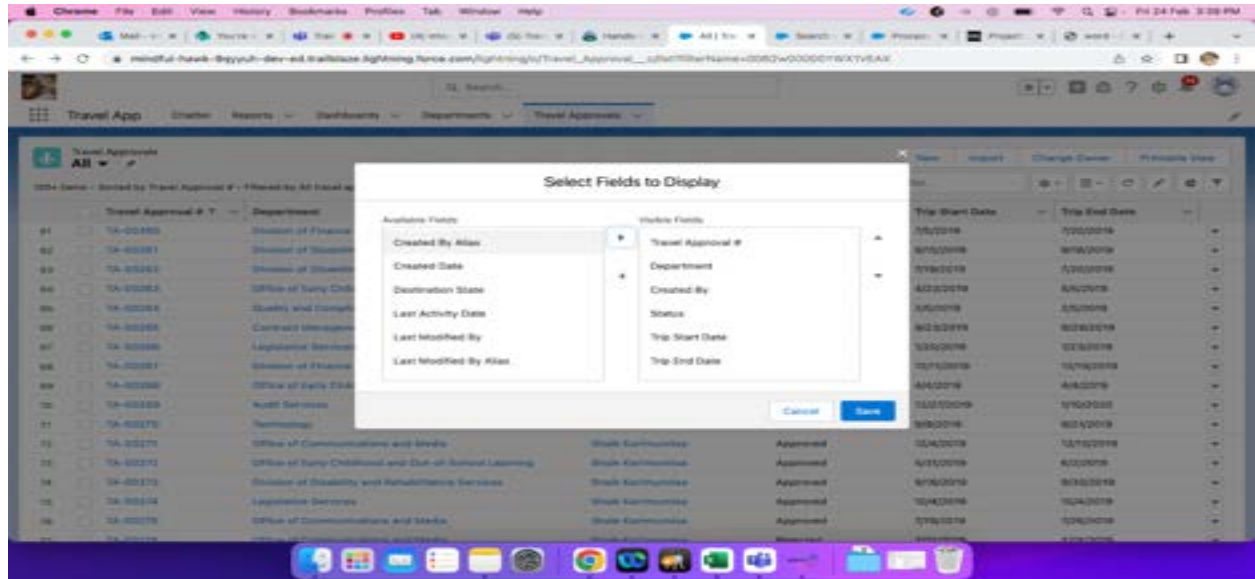
Step 7

Customized the Travel Approval Default Search



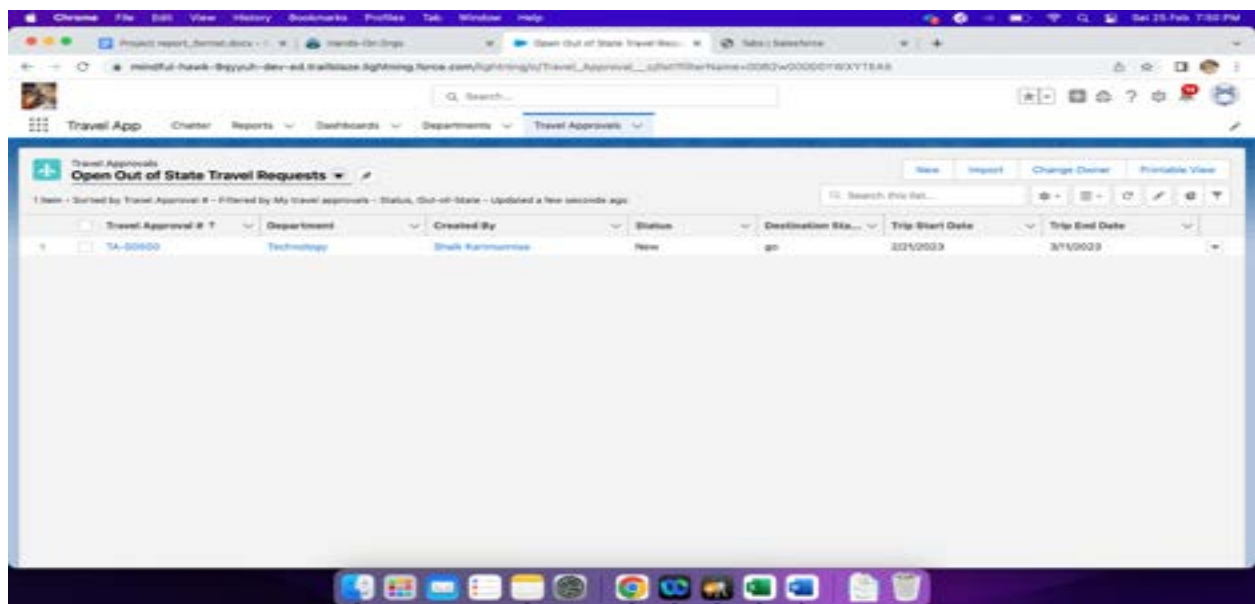
Step 8

Selected all the fields to display



Step 9

Created Travel approval custom List view Open Out of State Travel Requests



Step 10

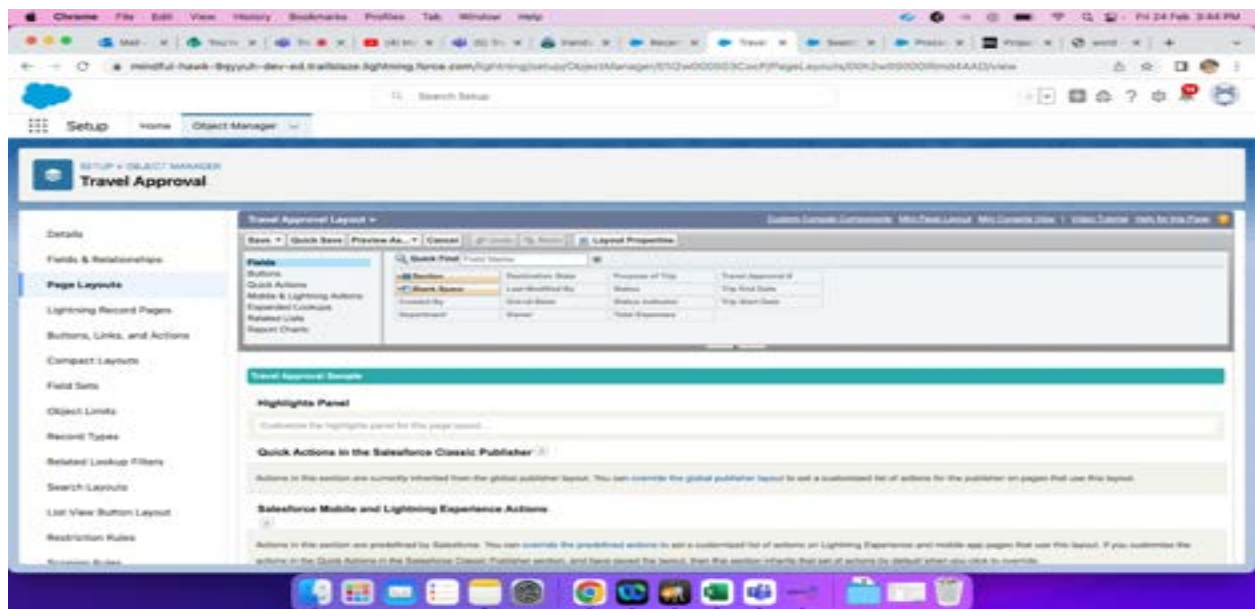
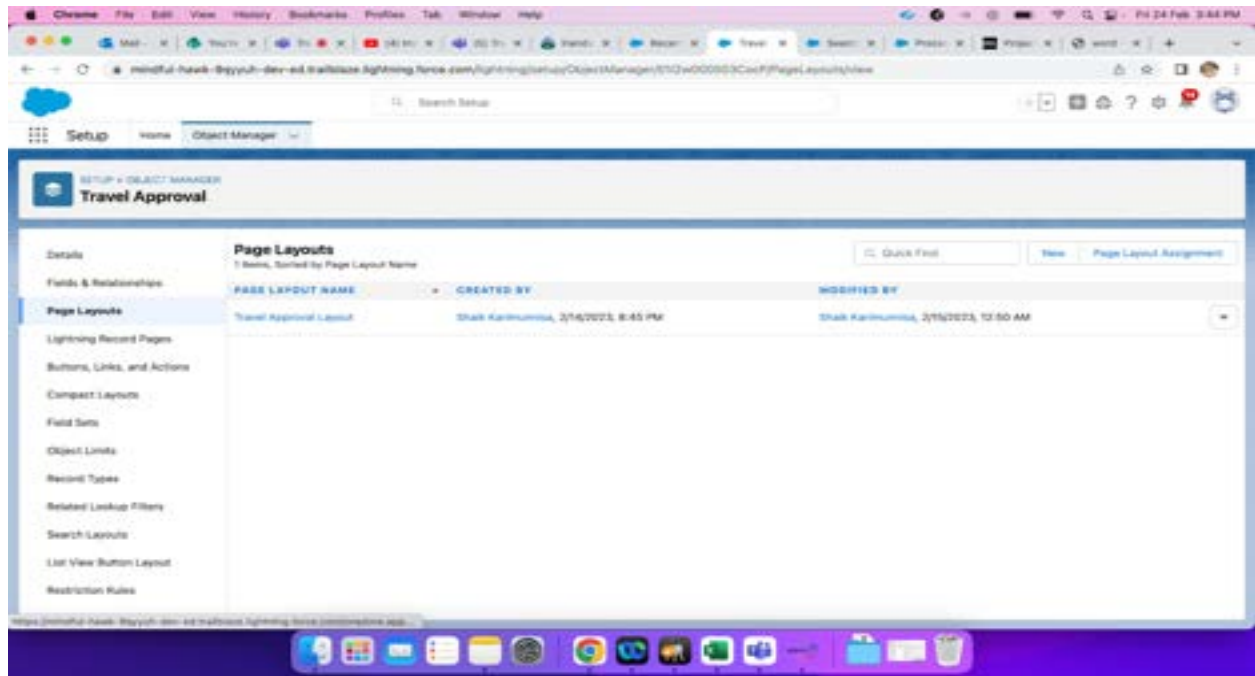
Selected fields to display in the Travel Approval Open Out of State Travel Requests

The screenshot shows a web browser window displaying the 'New Travel Approval' form. The form is titled 'New Travel Approval' and is divided into two main sections: 'Information' and 'Trip Info'. In the 'Information' section, there are fields for 'Travel Approval #', 'Status' (a dropdown menu), 'Owner' (a user selection field), and 'Department' (a search field). In the 'Trip Info' section, there are fields for 'Purpose of Trip', 'Out of State' (a checkbox), 'Trip Start Date', 'Destination State', and 'Trip End Date'. At the bottom of the form, there are three buttons: 'Cancel', 'Save & New', and 'Save'. The background shows a sidebar with 'Travel Approvals' and 'Recently Viewed' sections.

Step 11

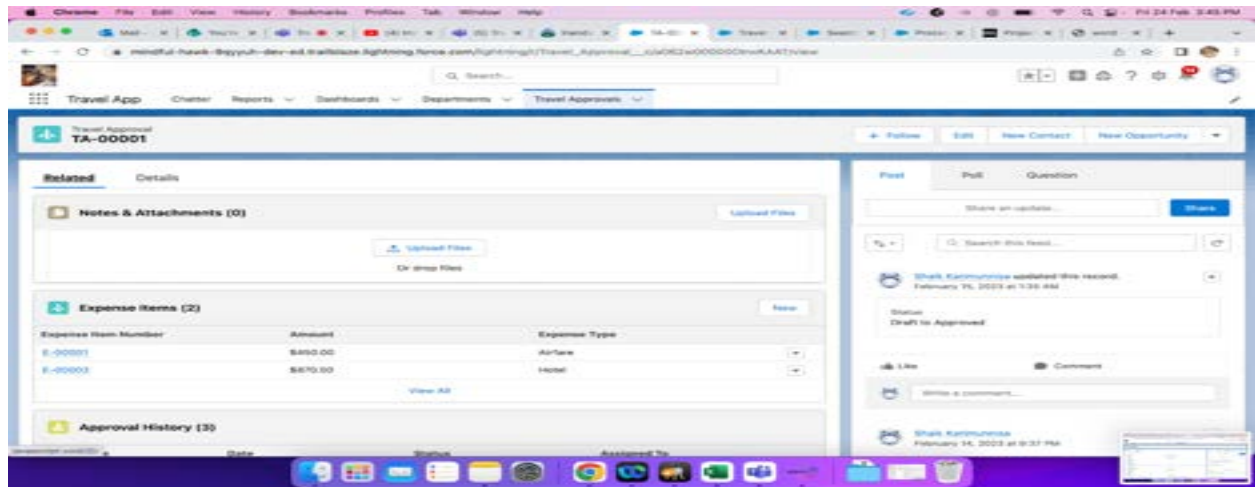
Customized Travel Approval Page Layout

The screenshot shows the 'Travel Approval Record Page' layout in the Lightning App Builder. The layout is titled 'Travel Approval Record Page' and is divided into three main sections: 'Components', 'Fields', and 'Page'. The 'Components' section on the left lists various components available for use, including 'Standard (37)', 'Action Launcher', 'Actions & Recommendations', 'Activities', 'Book Service Appointment', 'Calendar', 'Calendar Feed', 'Calendar Publisher', 'CRM Analytics Collection', 'CRM Analytics Dashboard', 'Dynamic Related List - Single', 'Dynamic Related List - Multiple', 'Event Insights', 'Flow', and 'Flow Visualization Work Guide'. The 'Fields' section in the center shows a list of fields for the 'Travel Approval' object, including 'Travel Approval #', 'Status', 'Owner', 'Department', 'Purpose of Trip', 'Out of State', 'Trip Start Date', 'Destination State', and 'Trip End Date'. The 'Page' section on the right shows the layout configuration, including a 'Label' field, a 'Page Type' dropdown, and a 'Template' dropdown. The background shows a sidebar with 'Travel Approvals' and 'Recently Viewed' sections.



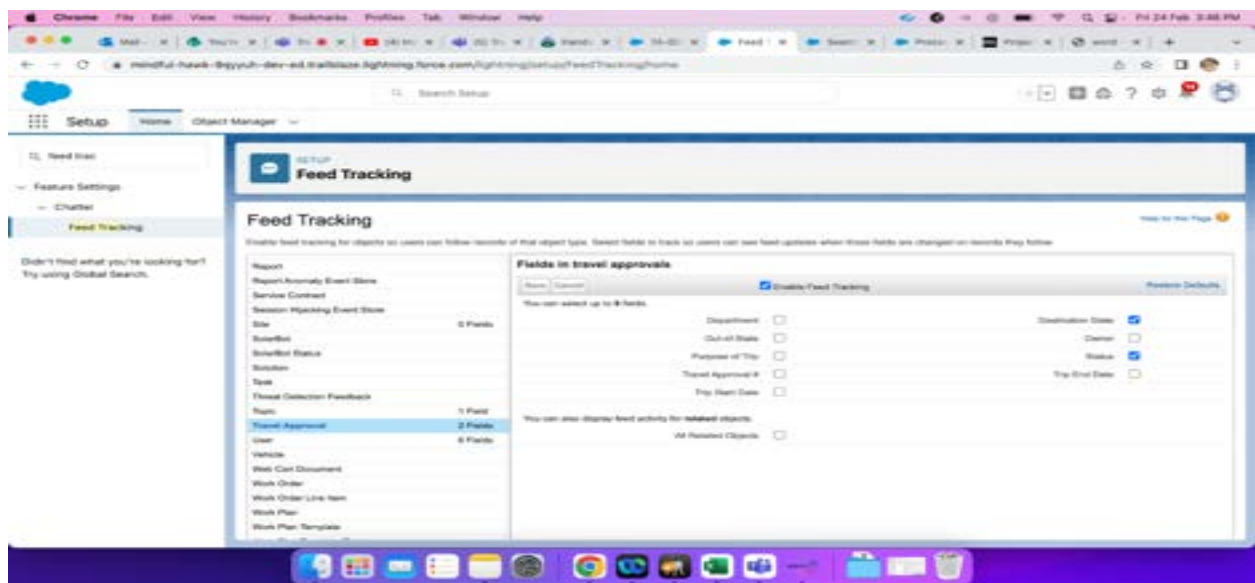
Step 12

Customized the Expense Item Related list Under Travel Approval page layout



Step 13

Enabled Feed Tracking



Chrome File Edit View History Bookmarks Profiles Tab Window Help

mindful-hawk-8gyyuh-dm-ed-trailblaze lightning force.com/lightning/t/Travel_Approval..._id=0&filterName=Recent

Travel App Charter Reports Dashboards Departments Travel Approvals

New Travel Approval

Information

Travel Approval #

Status:

Owner: Shakk Karimunnisa

Department:

Trip Info

Purpose of Trip:

Out of State: ☐

Trip Start Date:

Destination State:

Trip End Date:

Chrome File Edit View History Bookmarks Profiles Tab Window Help

mindful-hawk-8gyyuh-dm-ed-trailblaze lightning force.com/lightning/t/Travel_Approval..._id=0&filterName=Recent

Travel App Charter Reports Dashboards Departments Travel Approvals

Travel Approvals

Recently Viewed

3 items - Updated a few seconds ago

Search this list...

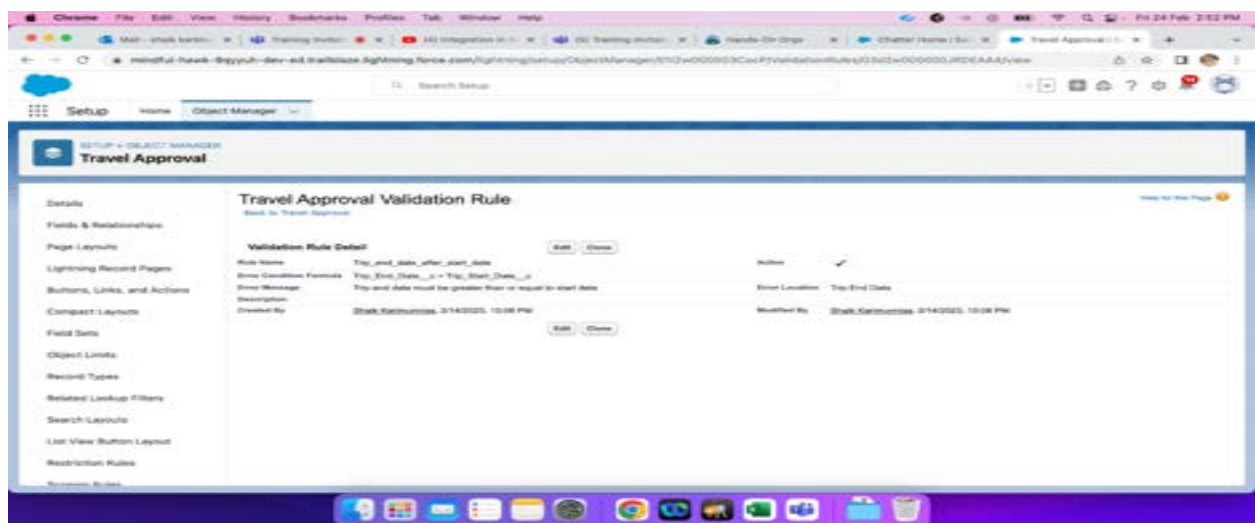
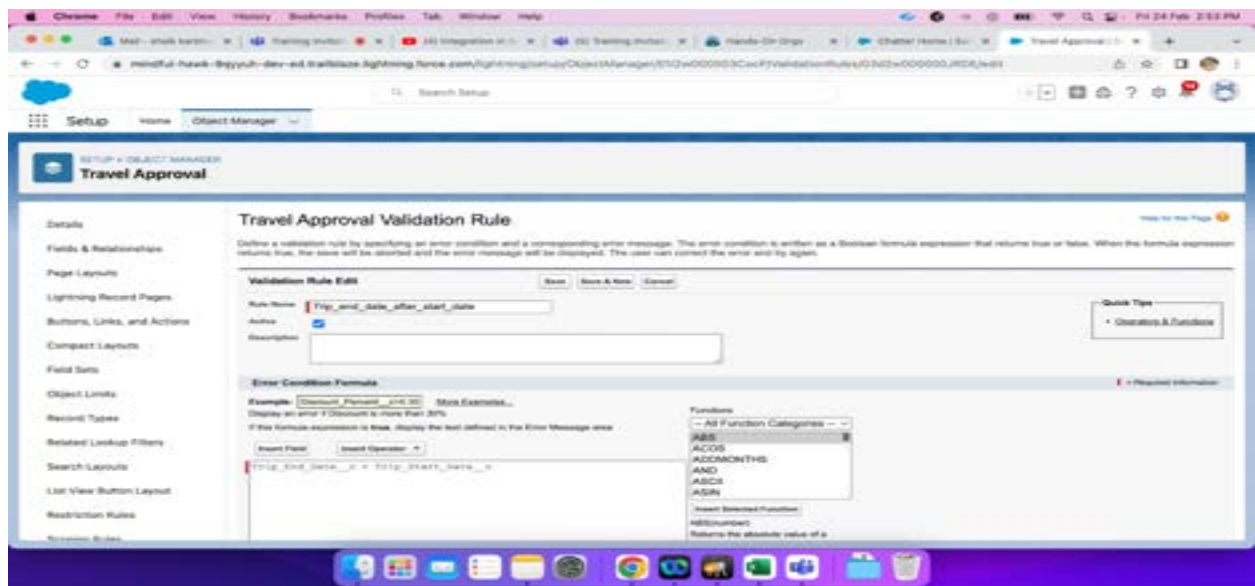
	Department	Purpose of Trip	Status	Destination	Trip Start Date	Trip End Date	Travel Approval #
1	<input type="checkbox"/> Technology	Attend Dreamforce	Approved	CA	1/1/2023	2/28/2023	TA-00001
2	<input type="checkbox"/> Technology		New	ga	2/1/2023	3/1/2023	TA-00002
3	<input type="checkbox"/> Office of Communications and Media	White House	Approved	FL	5/15/2018	6/15/2018	TA-00001

Module 2

Exercise-1

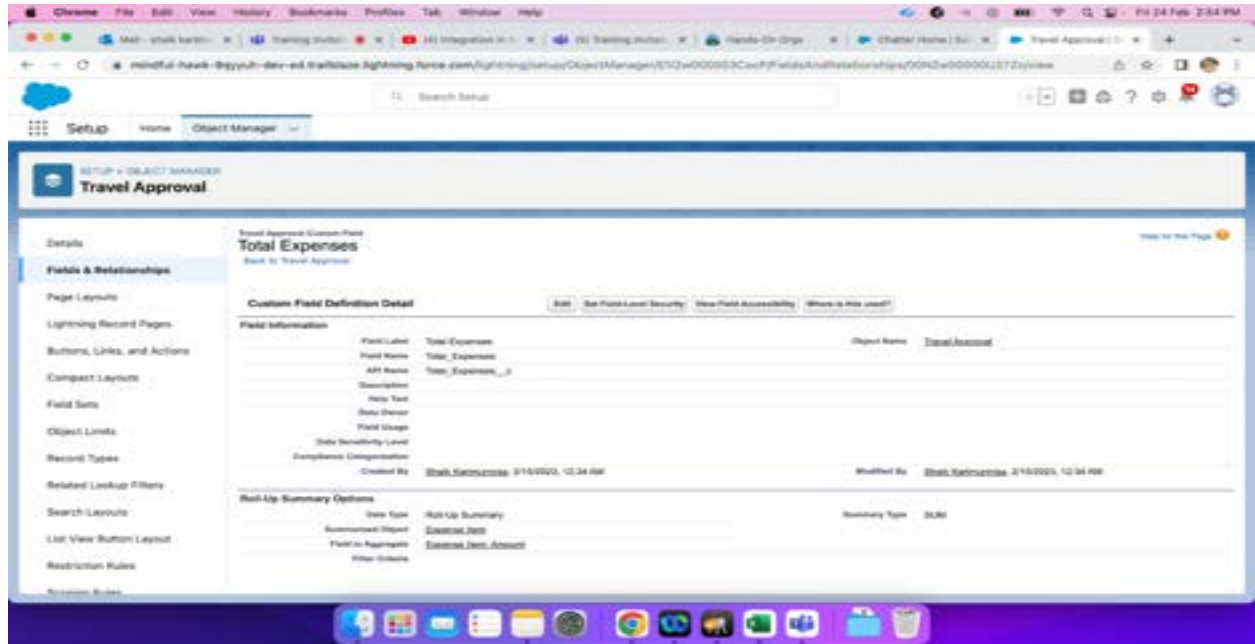
Step 1

Created Trip end date after start date Validation Rule



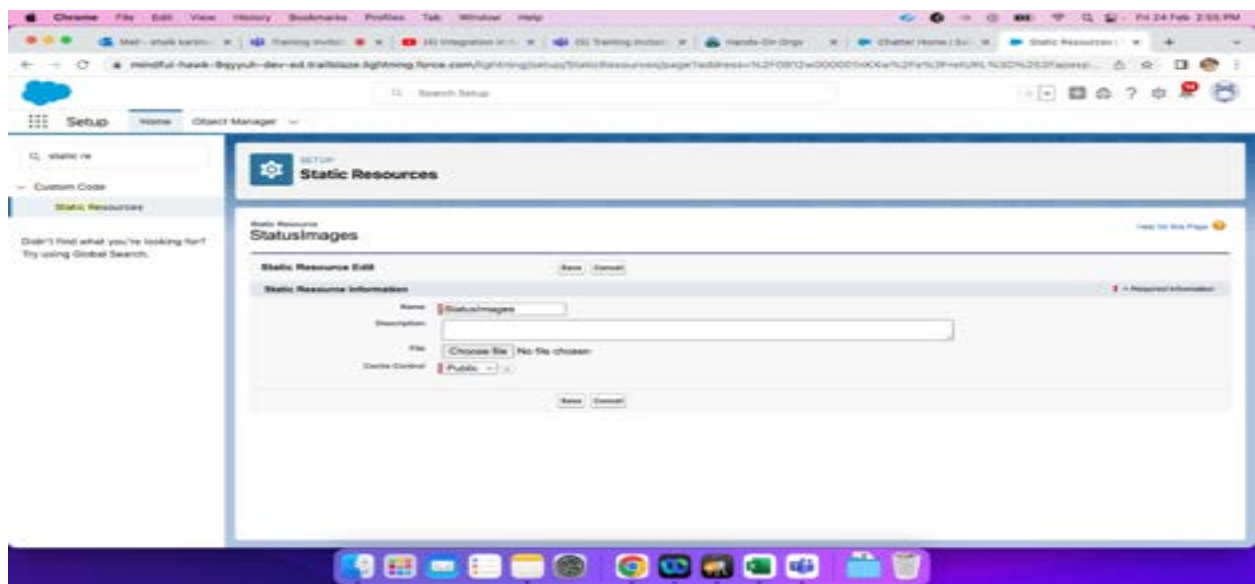
Step 2

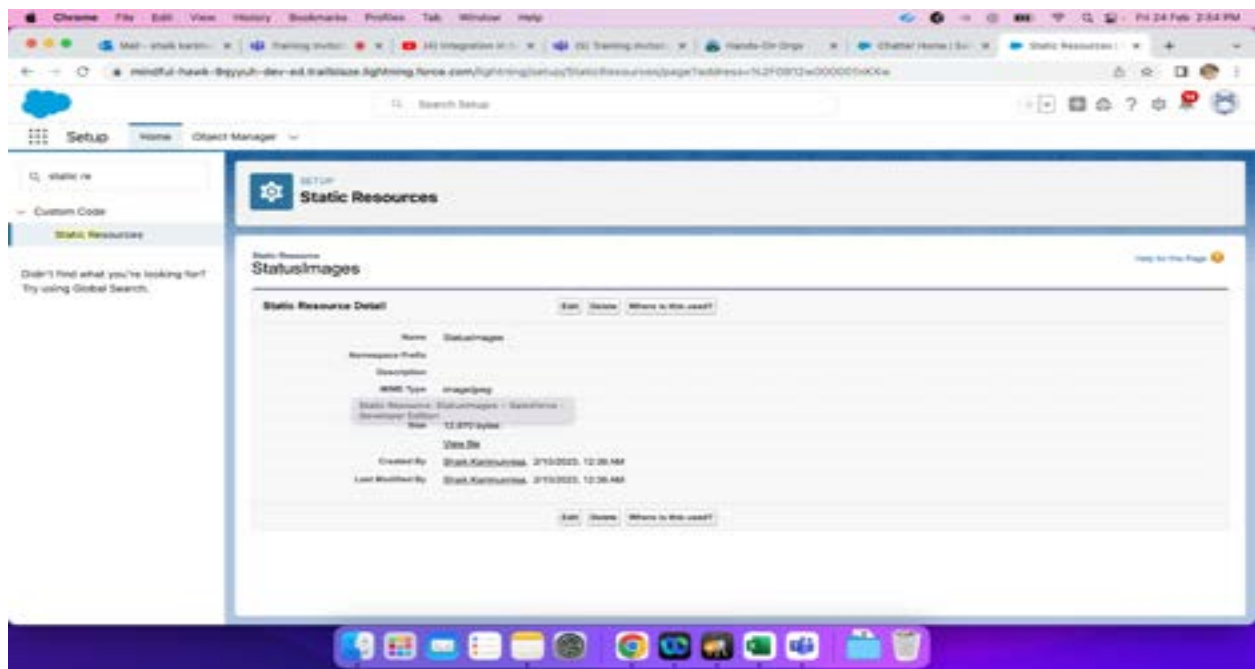
Created a Roll Up Summary field Total Expenses



Step 3

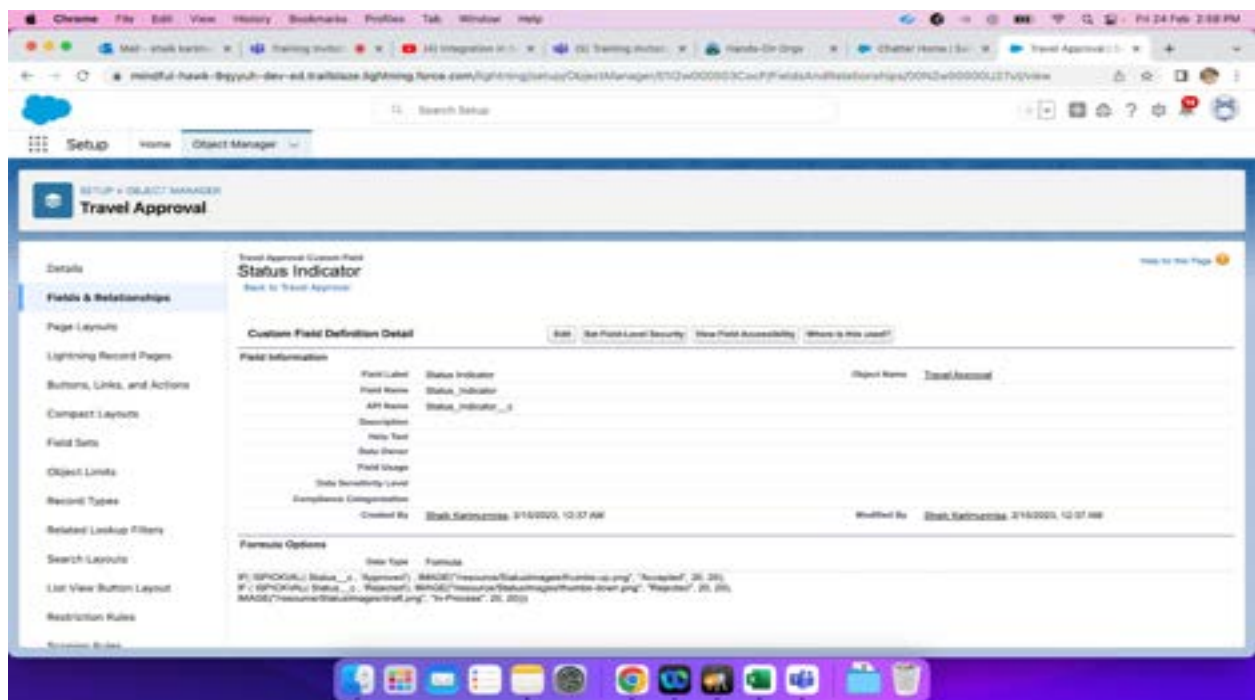
Created a formula field StatusImages





Step 4

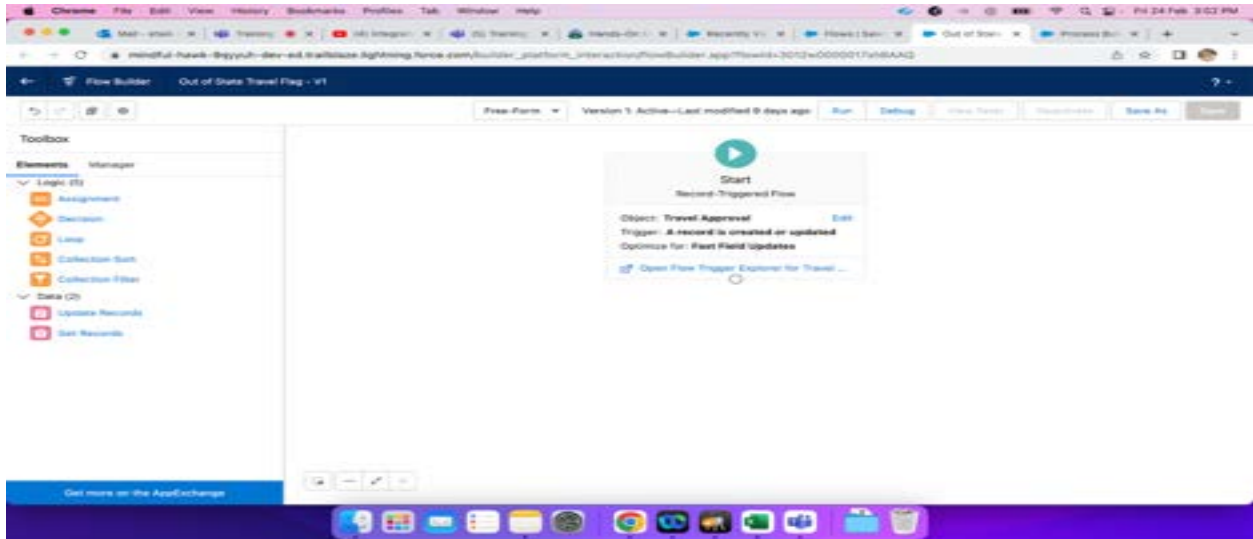
Created a formula field Status Indicator



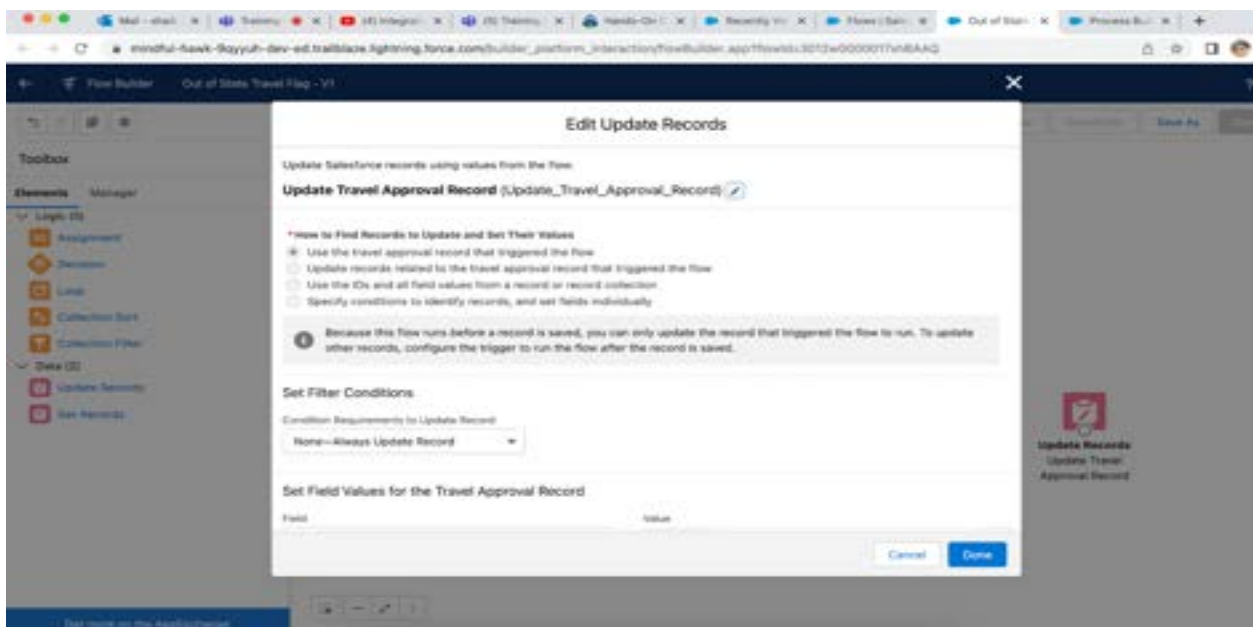
Step 5

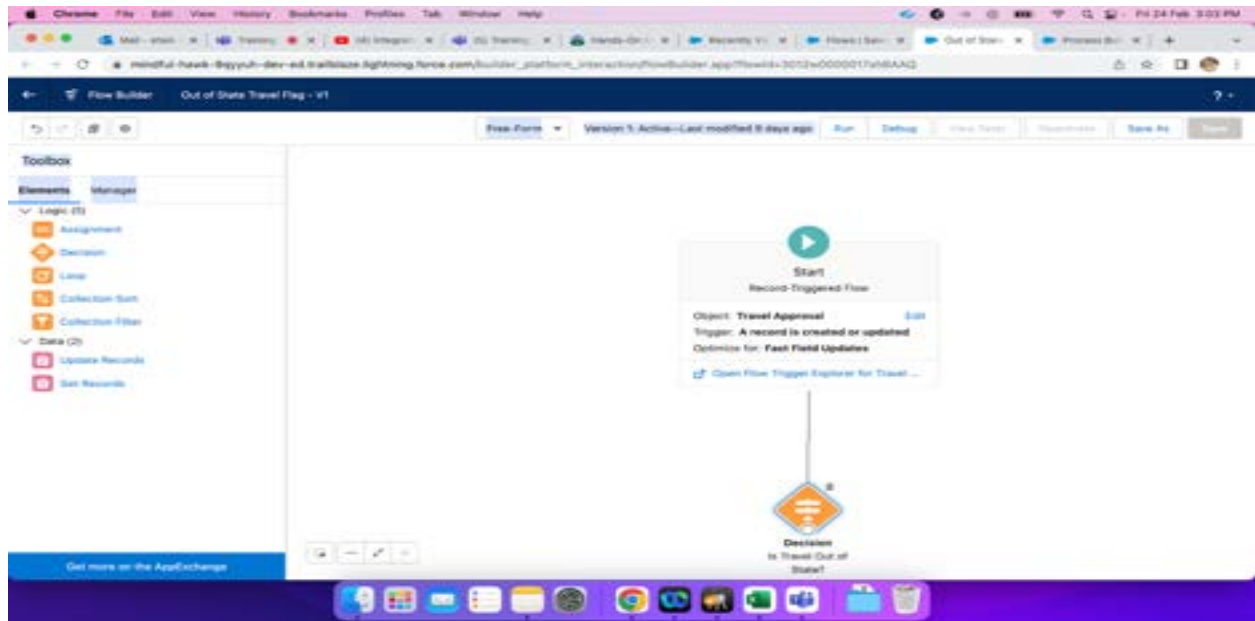
Created a record – Triggered flow

Decision block

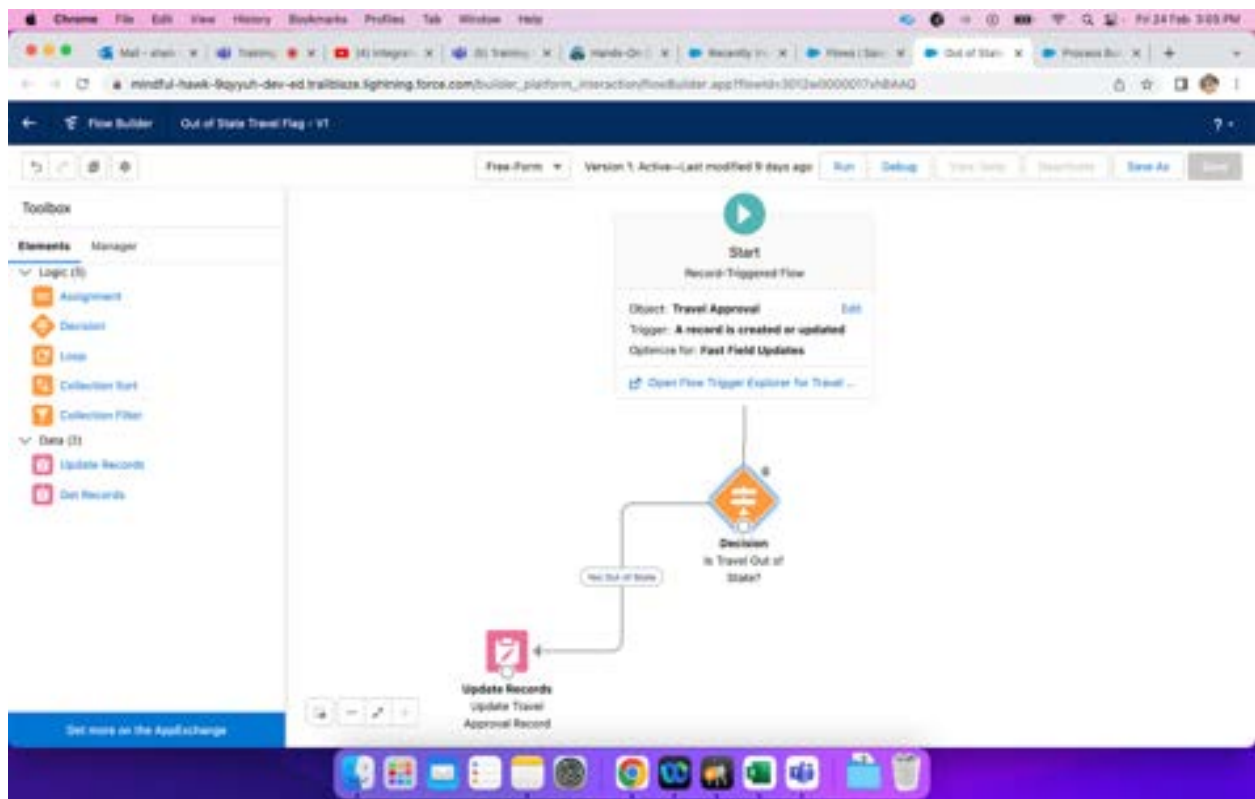


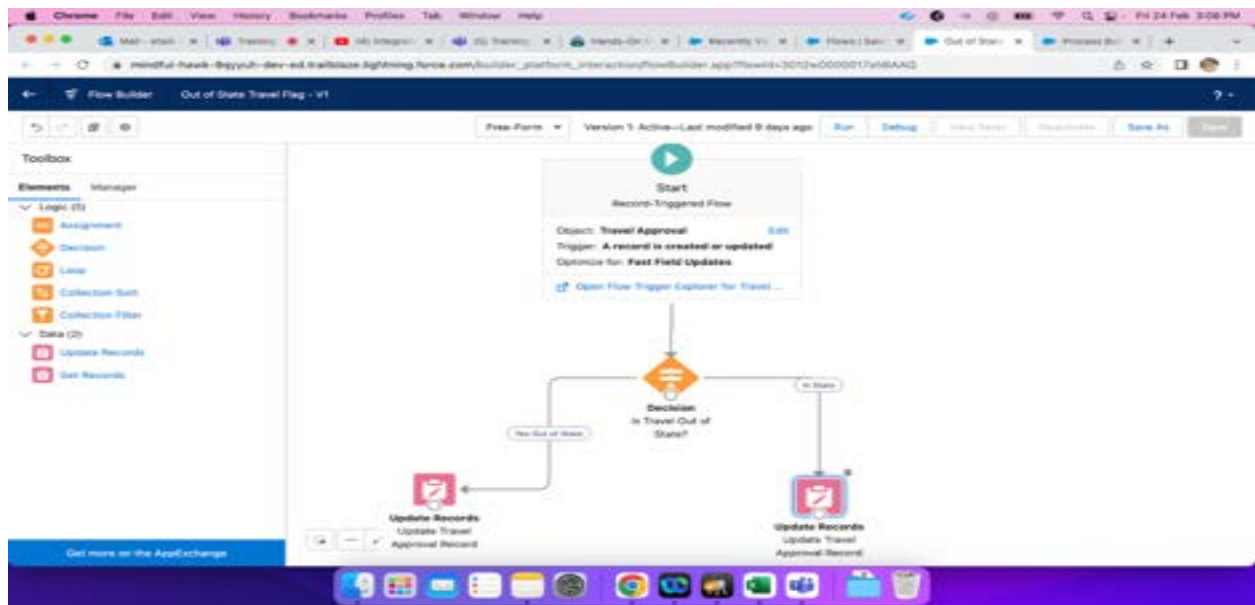
Updated Travel Approval Record(Yes out of State)





Updated Travel Approval Record(In State)





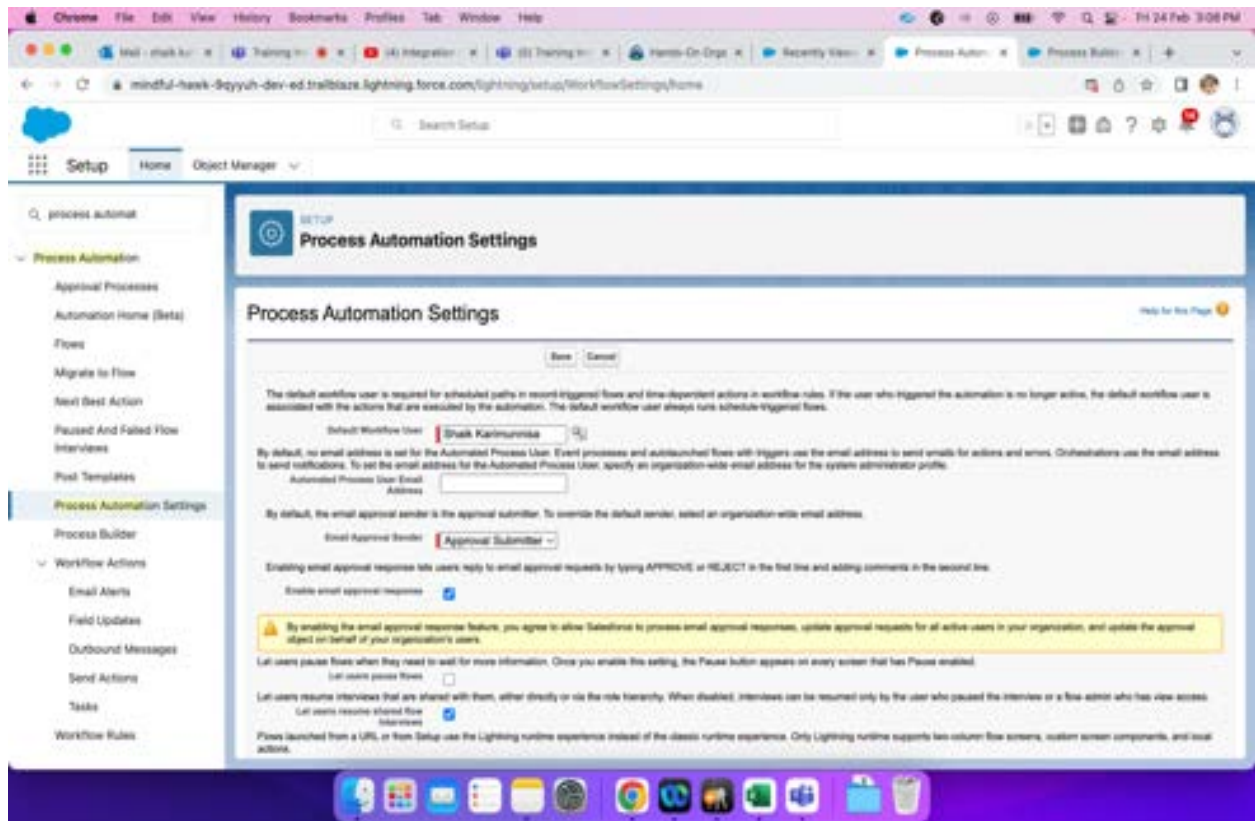
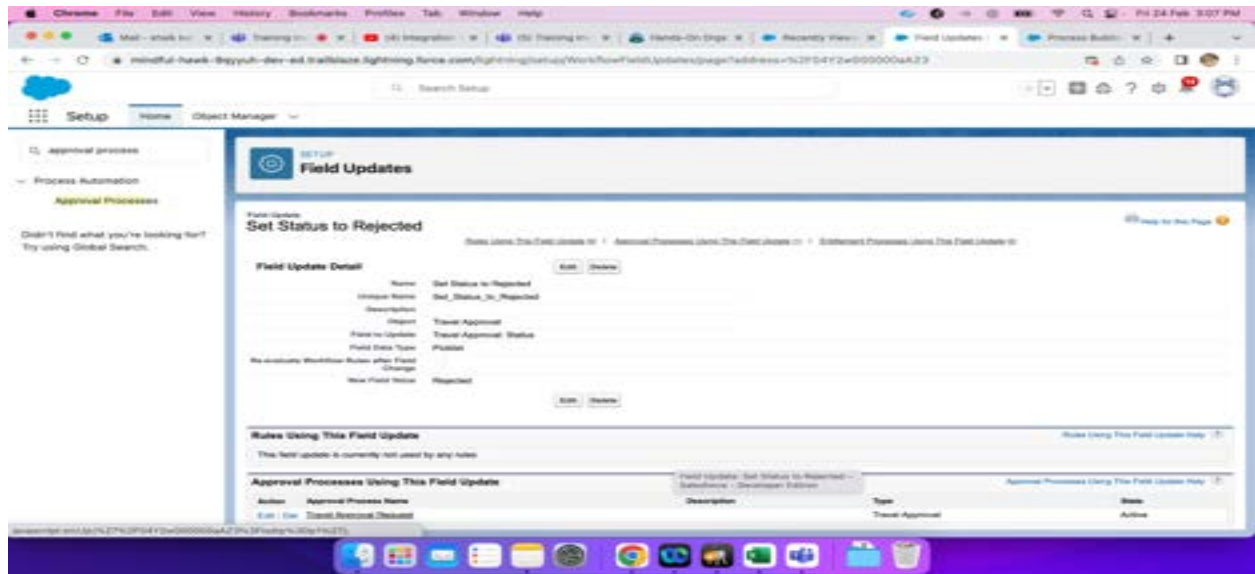
Step 6

Created an approval process Travel Approval Request

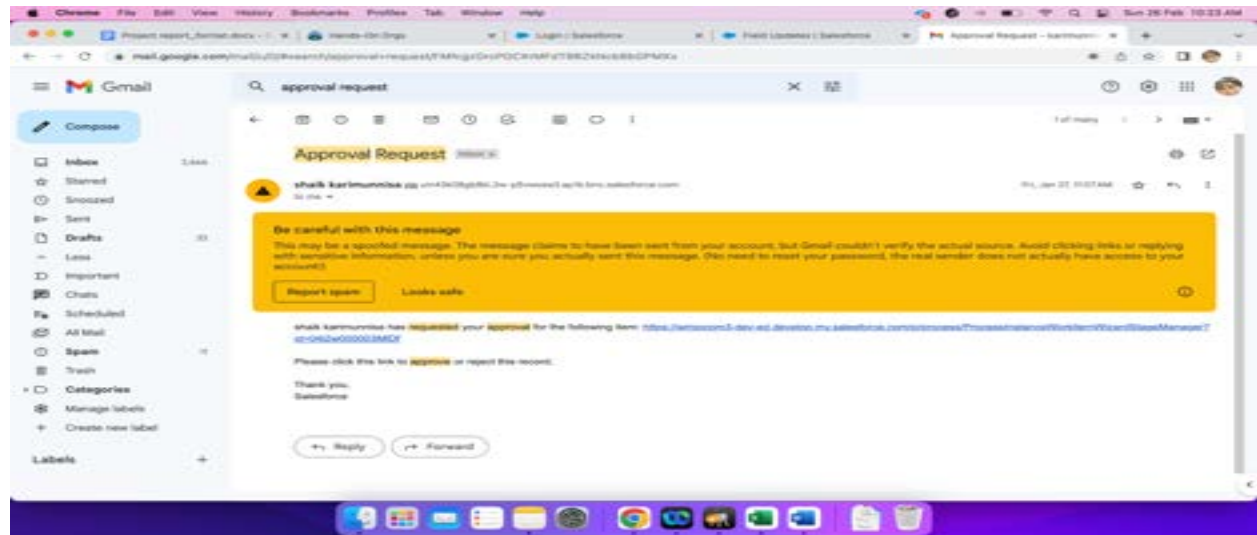
The screenshot shows the Salesforce Setup page. The 'Approval Processes' section is selected. The 'Travel Approval Request' process is being edited. The 'Enter Name and Description' step is active. The process name is 'Travel Approval Request' and the unique name is 'Travel_Approval_Request'. The description field is empty. The process is currently in 'Draft' status.



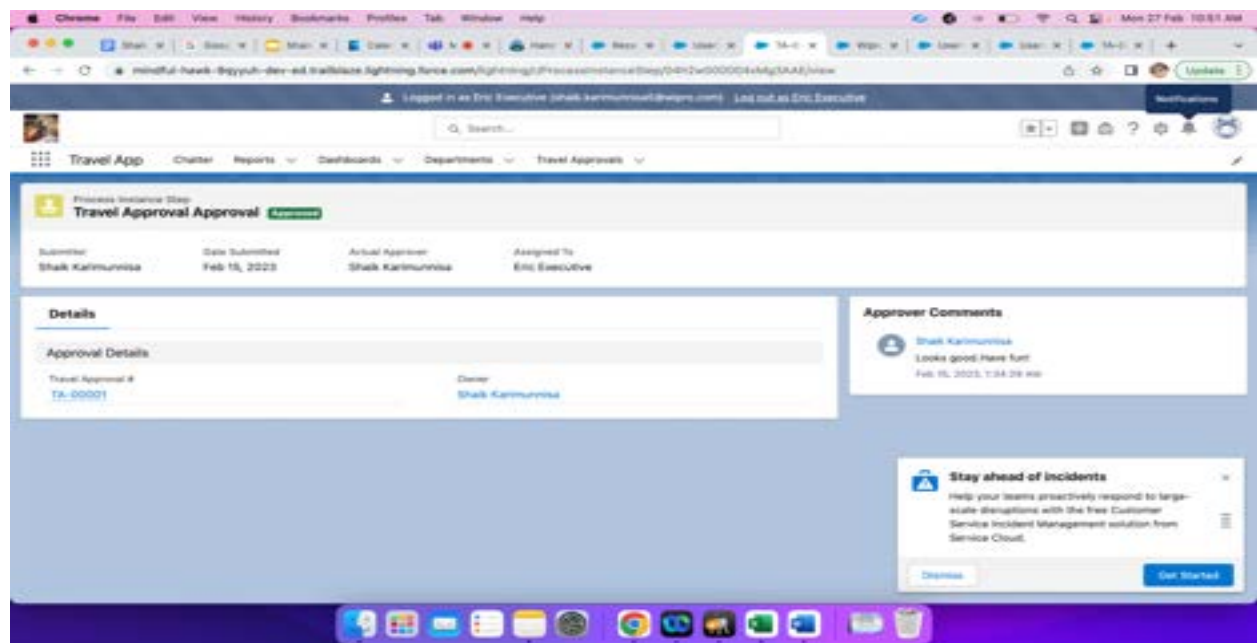
Final Rejection Actions



Received an Email



Assigned to Eric Executive



Exercise 2

Step 1

Imported Travel Approval Records

Bulk Data Load Jobs

Bulk Data Load Job: **7502w000000MVI9**

View the details of a bulk data load job.

[+ Bulk Data Load Jobs](#)

Bulk Data Load Job Detail

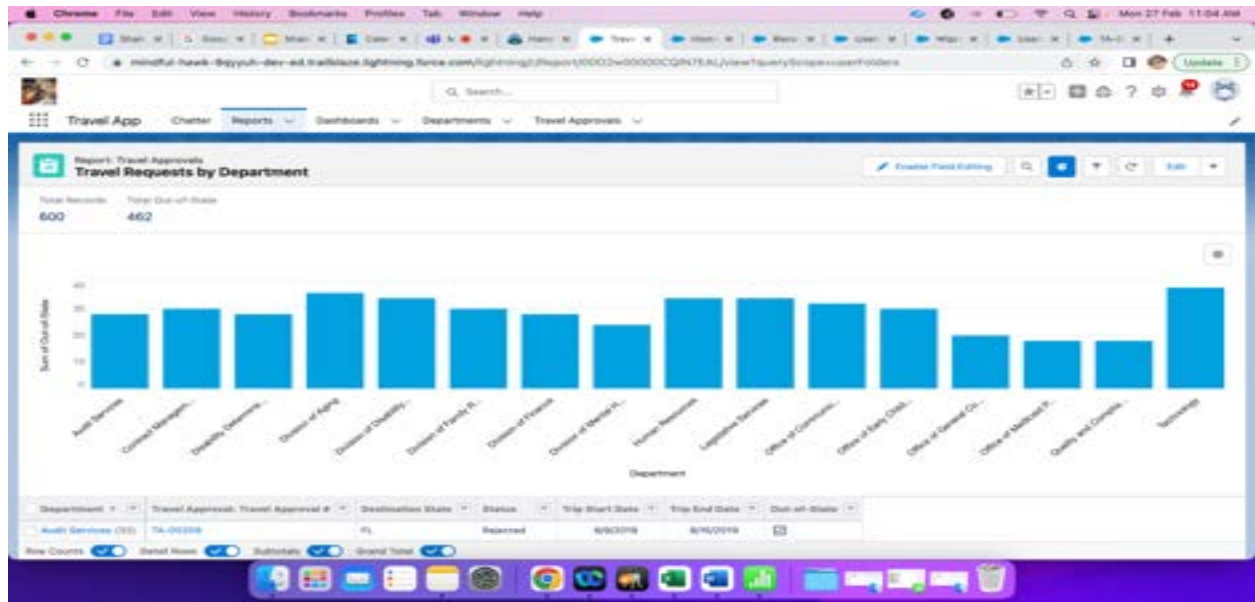
Job ID	Job Type	Bulk API	Status	Closed
Submitted By: Shah, Ravi	Operation	Insert	Total Processing Time (min)	1645
Start Time: 2/26/2023, 9:28 PM PST	Queued Batches	0	API Active Processing Time (min)	1136
End Time: 2/26/2023, 9:28 PM PST	In Progress Batches	0	API Processing Time (min)	325
Time to Complete (hrs (approx))	Completed Batches	1		
Export: Travel Approval	Failed Batches	0		
External ID Field	Progress	100%		
Content Type: CSV	Records Processed	325		
Concurrency Mode: Parallel	Records Failed	1		
API Version: 57.0	Revised	0		

Step 2

Created a Report on Travel Requests by Department

Travel Approval#	Department	Destination State	Status	Trip Start Date	Trip End Date	Out-of-State
1 TA-00001	Technology	CA	Approved	1/15/2019	1/28/2019	
2 TA-00001	Office of Communications and Media	FL	Approved	8/14/2019	8/15/2019	
3 TA-00003	Disability Determination Bureau	OK	Approved	10/1/2019	10/1/2019	
4 TA-00003	Division of Disability and Rehabilitative Services	OK	Rejected	4/1/2019	4/6/2019	
5 TA-00004	Technology	FL	Approved	3/11/2019	3/26/2019	
6 TA-00005	Human Resources	FL	Approved	4/11/2019	5/5/2019	
7 TA-00006	Division of Finance	CA	Rejected	3/8/2019	3/8/2019	
8 TA-00007	Contract Management	TX	Approved	12/1/2019	1/1/2020	
9 TA-00008	Division of Aging	OK	Approved	4/11/2019	4/26/2019	
10 TA-00009	Audi Services	FL	Rejected	8/6/2019	8/12/2019	
11 TA-00010	Division of Aging	GA	Approved	1/5/2019	1/11/2019	
12 TA-00011	Disability Determination Bureau	CA	Approved	3/21/2019	3/21/2019	
13 TA-00012	Technology	TX	Approved	3/6/2019	3/6/2019	
14 TA-00013	Office of General Counsel	TX	Approved	1/11/2019	1/26/2019	
15 TA-00014	Office of Communications and Media	TX	Approved	3/7/2019	3/9/2019	
16 TA-00015	Division of Aging	FL	Approved	8/6/2019	8/14/2019	
17 TA-00016	Legislative Services	OK	Approved	4/10/2019	4/14/2019	

Department	Travel Approval#	Destination State	Status	Trip Start Date	Trip End Date	Out-of-State
Audi Services (2)	1A-00008	FL	Rejected	8/6/2019	8/12/2019	
	1A-00019	TX	Approved	1/5/2019	3/6/2019	
Contract Management (2)	1A-00007	TX	Approved	12/1/2019	1/1/2020	
	1A-00017	FL	Approved	8/6/2019	8/14/2019	
Disability Determination Bureau (2)	1A-00003	OK	Approved	10/1/2019	10/1/2019	
	1A-00011	CA	Approved	3/21/2019	3/21/2019	
Division of Aging (2)	1A-00008	OK	Approved	4/11/2019	4/26/2019	
	1A-00010	GA	Approved	1/5/2019	1/11/2019	
	1A-00016	FL	Approved	8/6/2019	8/14/2019	
Division of Disability and Rehabilitative Services (2)	1A-00005	OK	Rejected	4/1/2019	4/6/2019	
	1A-00016	FL	Approved	1/6/2019	1/12/2019	



Step 3

Created a Travel Requests by Monthly Report

Travel Requests by Month

Processing a limited number of records. Run the report to see everything.

Travel Approval: Travel Approval ID	Status	Destination State	Trip Start Date	Out-of-State	Department	Trip End Date
1 TA-00001	Approved	CA	1/1/2019	1	Technology	1/1/2019
2 TA-00001	Approved	FL	6/1/2018	1	Office of Communications and Media	6/1/2018
3 TA-00003	Approved	OK	10/1/2018	1	Disability Determination Bureau	10/1/2018
4 TA-00003	Rejected	OK	4/1/2018	1	Division of Disability and Rehabilitative Services	4/1/2018
5 TA-00004	Approved	FL	3/1/2018	1	Technology	3/1/2018
6 TA-00005	Approved	FL	4/1/2018	1	Human Resources	4/1/2018
7 TA-00006	Rejected	CA	3/6/2018	1	Division of Finance	3/6/2018
8 TA-00007	Approved	TX	10/2/2018	1	Contract Management	1/1/2019
9 TA-00008	Approved	OK	6/2/2018	1	Division of Aging	6/2/2018
10 TA-00009	Rejected	FL	6/6/2018	1	Audit Services	6/6/2018
11 TA-00010	Approved	GA	1/1/2018	1	Division of Aging	1/1/2018
12 TA-00011	Approved	CA	6/2/2018	1	Disability Determination Bureau	6/2/2018
13 TA-00012	Approved	TX	3/6/2018	1	Technology	3/6/2018
14 TA-00013	Approved	TX	1/2/2018	1	Office of General Counsel	1/2/2018
15 TA-00014	Approved	TX	3/7/2018	1	Office of Communications and Media	3/7/2018
16 TA-00015	Approved	FL	6/6/2018	1	Division of Aging	6/6/2018
17 TA-00016	Approved	OK	4/7/2018	1	Legislative Services	4/7/2018

Chrome File Edit View History Bookmarks Profiles Tab Window Help

mindful-hawk-899yuh-dev-ed.trilliance.lightning.force.com/lightning/Report/0002w00000CQNB6AJJedid?queryScope=userFolders

Search...

Travel App Charter Reports Dashboards Departments Travel Approvals

REPORT Travel Requests by Month Travel Approvals

Processing a limited number of records. Run the report to see everything.

Update Period Automatically

Fields

Groups

GROUP ROWS

Add group...

Trip End Date

GROUP COLLAPSE

Add group...

Columns

Add column...

Travel Approval: Travel Approval #

Status

Destination State

Trip Start Date

Out of State

Department

Trip End Date	Travel Approval: Travel Approval #	Status	Destination State	Trip Start Date	Out of State	Department
March 2019 (3)	TA-00004	Approved	FL	3/1/2019		Technology
	TA-00006	Rejected	CA	3/6/2019		Division of Finance
	TA-00011	Approved	CA	3/12/2019		Disability Determination Bureau
	TA-00012	Approved	TX	3/6/2019		Technology
	TA-00014	Approved	TX	3/7/2019		Office of Communications and Media
	TA-00016	Approved	TX	2/28/2019		Audit Services
Subtotal					3	
April 2019 (3)	TA-00003	Rejected	OK	4/5/2019		Division of Disability and Rehabilitative Services
	TA-00006	Approved	OK	4/15/2019		Division of Aging
	TA-00016	Approved	OK	4/7/2019		Legislative Services
Subtotal					2	
May 2019 (2)	TA-00005	Approved	FL	4/27/2019		Human Resources
	TA-00017	Approved	FL	5/6/2019		Contract Management
Subtotal					2	
June 2019 (1)	TA-00001	Approved	FL	6/16/2019		Office of Communications and Media
Subtotal					1	
Row Counts						

Row Counts Detail Rows Subtotals Grand Total

Microsoft Word

Conditional Formatting

Chrome File Edit View History Bookmarks Profiles Tab Window Help

mindful-hawk-899yuh-dev-ed.trilliance.lightning.force.com/lightning/Report/0002w00000CQNB6AJJedid?queryScope=userFolders

Search...

Travel App Charter Reports Dashboards Departments Travel Approvals

Report: Travel Approvals

Travel Requests by Month

Enable Field Editing

Add Chart

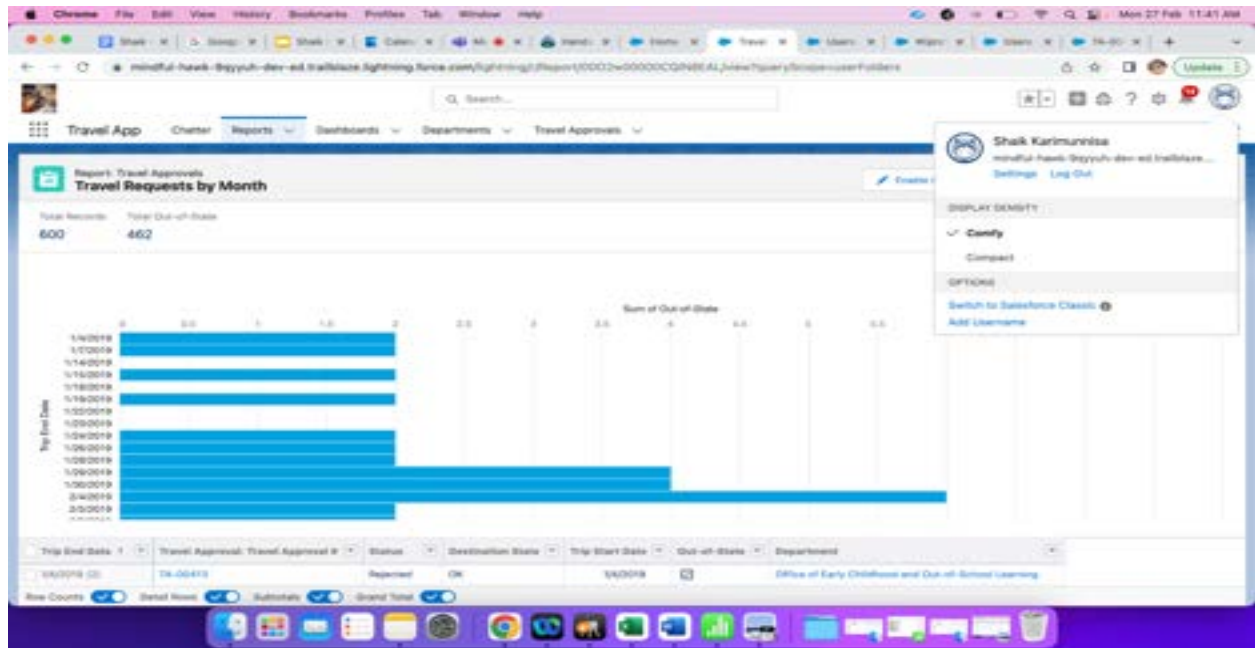
Print

600 462

Total Records Total Out of State

Trip End Date	Travel Approval: Travel Approval #	Status	Destination State	Trip Start Date	Out of State	Department
3/6/2019 (2)	TA-00010	Rejected	OK	3/6/2019		Office of Early Childhood and Out-of-School Learning
	TA-00012	Rejected	OK	3/6/2019		Office of Early Childhood and Out-of-School Learning
Subtotal					2	
3/13/2019 (2)	TA-00008	Approved	FL	3/13/2019		Division of Aging
	TA-00003	Approved	FL	3/13/2019		Division of Aging
Subtotal					2	
3/14/2019 (2)	TA-00048	Approved	TX	3/14/2019		Quality and Compliance Office
	TA-00047	Approved	TX	3/14/2019		Quality and Compliance Office
Subtotal					2	
3/15/2019 (2)	TA-00014	Approved	OK	3/15/2019		Division of Mental Health and Addiction
	TA-00013	Approved	OK	3/15/2019		Division of Mental Health and Addiction
Subtotal					2	
3/16/2019 (2)	TA-00057	Approved	TX	3/16/2019		Contract Management
	TA-00056	Approved	TX	3/16/2019		Contract Management
Subtotal					2	
Row Counts						

Row Counts Detail Rows Subtotals Grand Total



Step 4

Created a Report and Dashboard for Travel Approvals

Recent Reports

10 Items

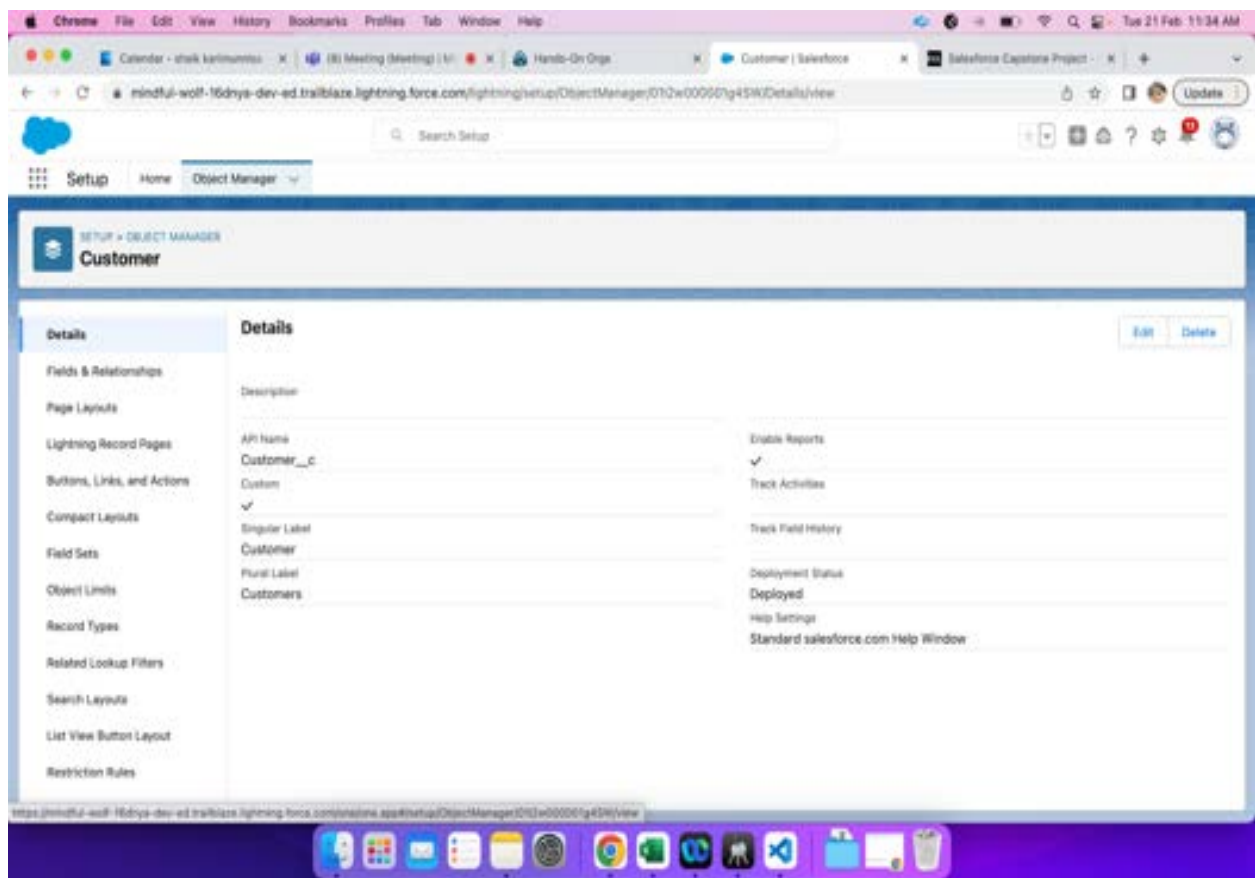
REPORTS	Report Name	Description	Folder	Created By	Created On	Subscribed
Recent	Travel Requests by Month		Public Reports	Shah Karimunnisa	2/15/2023, 1:48 AM	
Created by Me	Travel Requests by Department		Public Reports	Shah Karimunnisa	2/15/2023, 1:42 AM	
Private Reports	Sample Flow Report: Screen Flow	Which flows run, what's the status of each interview, and how long do users take to complete the screens?	Public Reports	Automated Process	1/16/2023, 9:35 PM	
All Reports	SolarBot Warranty Call Sheet		SolarBot Sales Reports	Shah Karimunnisa	1/11/2023, 3:30 AM	
FOLDERS	Accounts Without SolarBot Opportunities		SolarBot Sales Reports	Shah Karimunnisa	1/11/2023, 3:35 AM	
All Folders	SolarBot High-Cost Candidates		SolarBot Sales Reports	Shah Karimunnisa	1/11/2023, 3:21 AM	
Created by Me	Enter's SR Opp Matrix for Sales		SolarBot Sales Reports	Shah Karimunnisa	1/11/2023, 1:13 AM	
Shared with Me	Potential SR Product Names for RAO		SolarBot RAO Reports	Shah Karimunnisa	1/11/2023, 1:13 AM	
FAVORITES	Lincoln's SolarBot Research to remove		Report Recycle Bin	Shah Karimunnisa	1/11/2023, 1:13 AM	
All Favorites	Marketing's SR Lead Report for Sales		SolarBot Sales Reports	Shah Karimunnisa	1/11/2023, 1:13 AM	



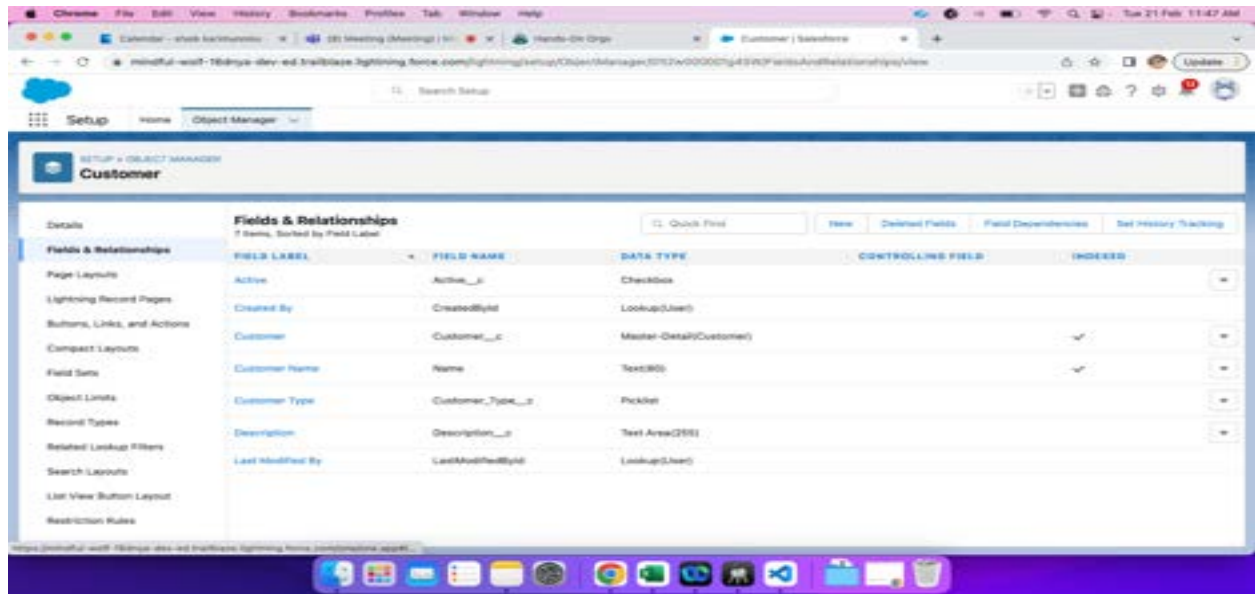
Module 3

Exercise 1

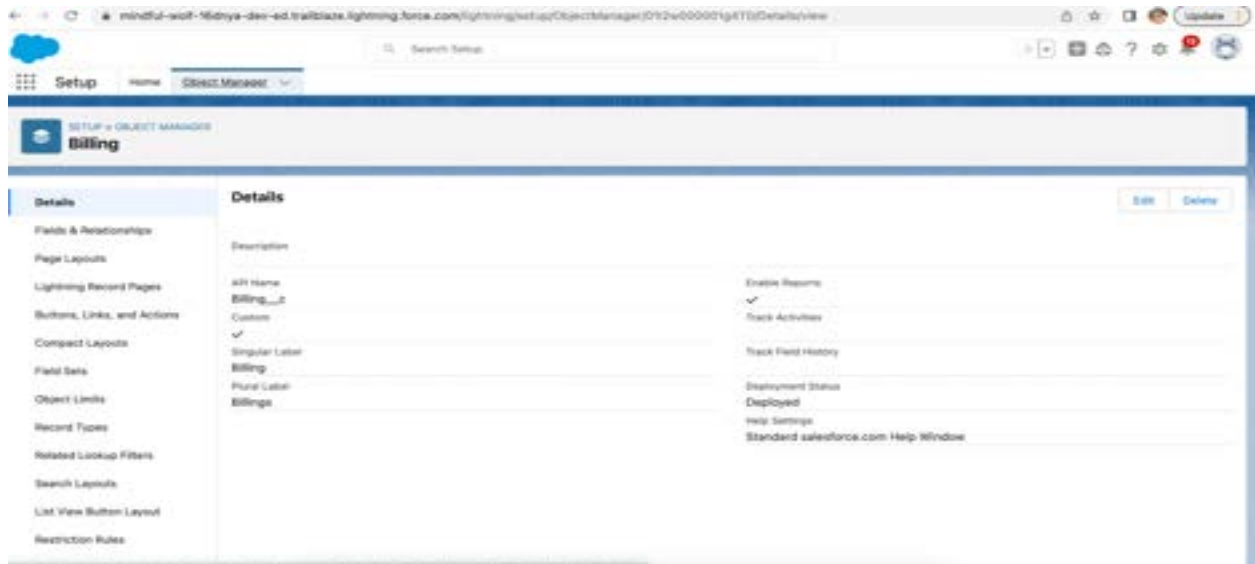
Created the Custom Object Customer as there is already a Standard Object named Customer



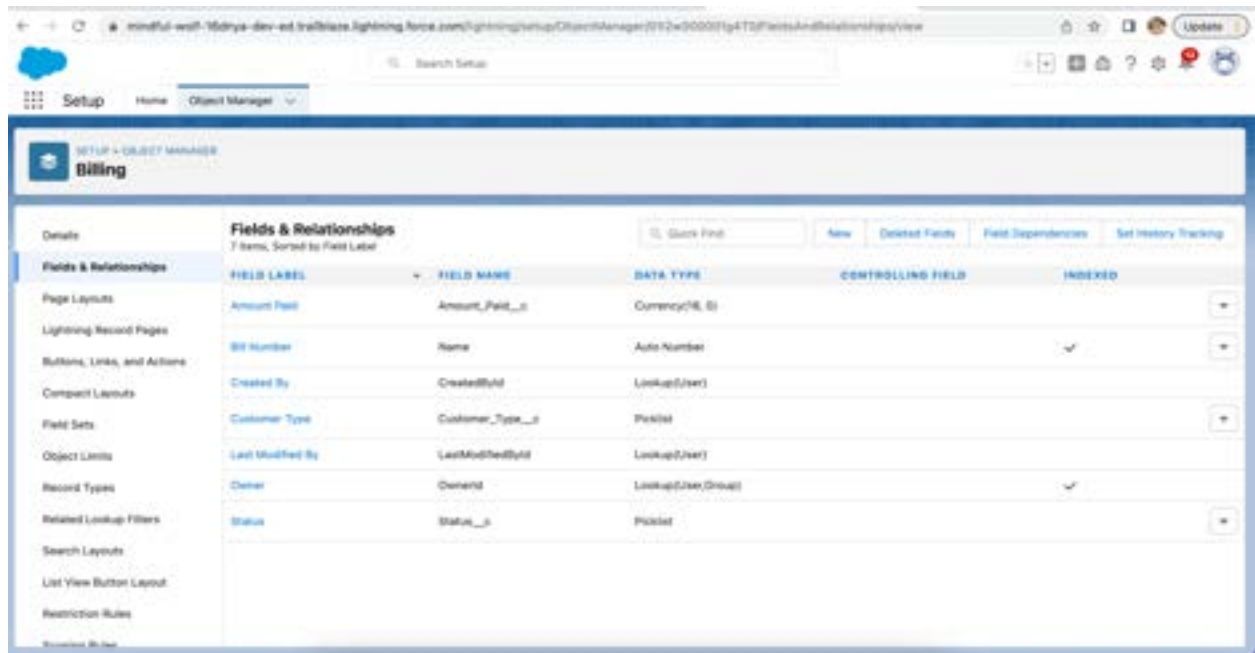
Created all the Custom Fields



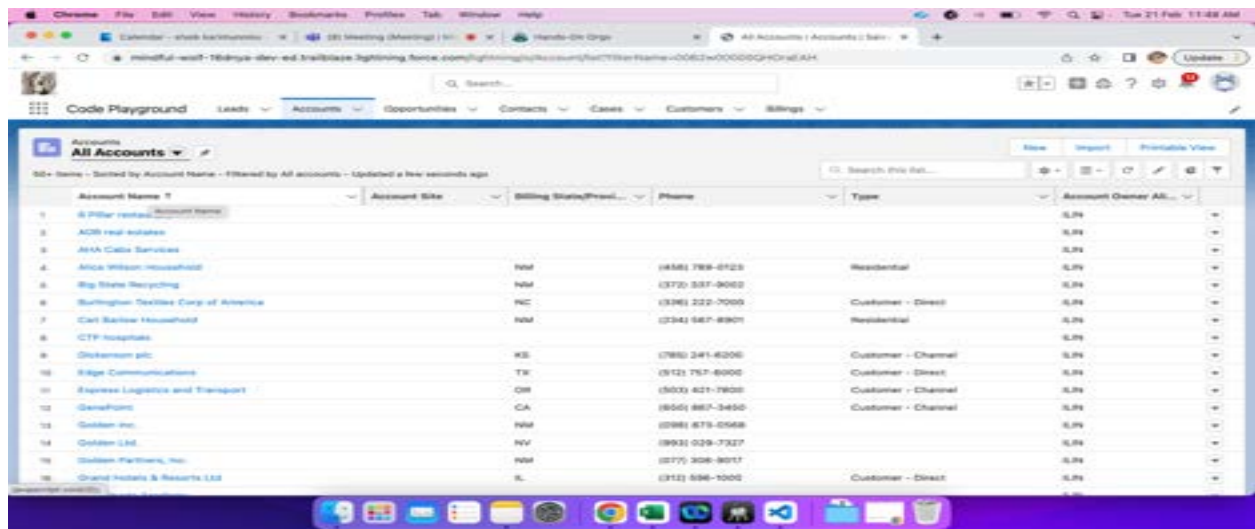
Created a Custom Object named Billing



Created a Custom fields for billing Object

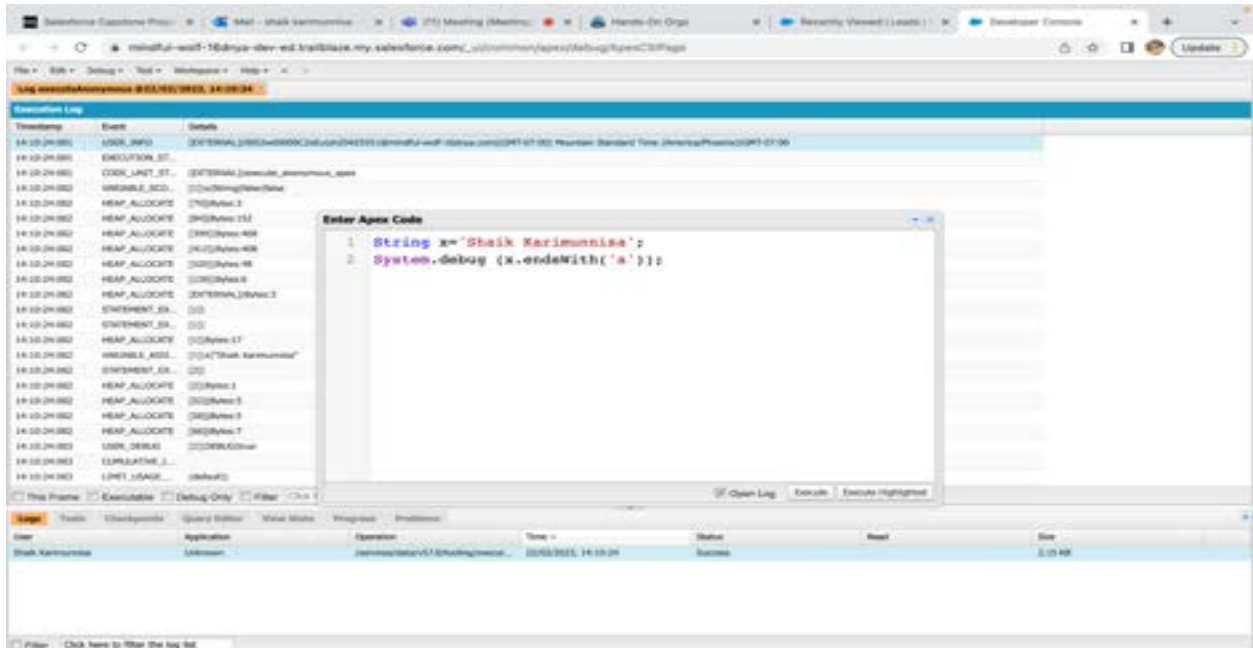


Code Playground App

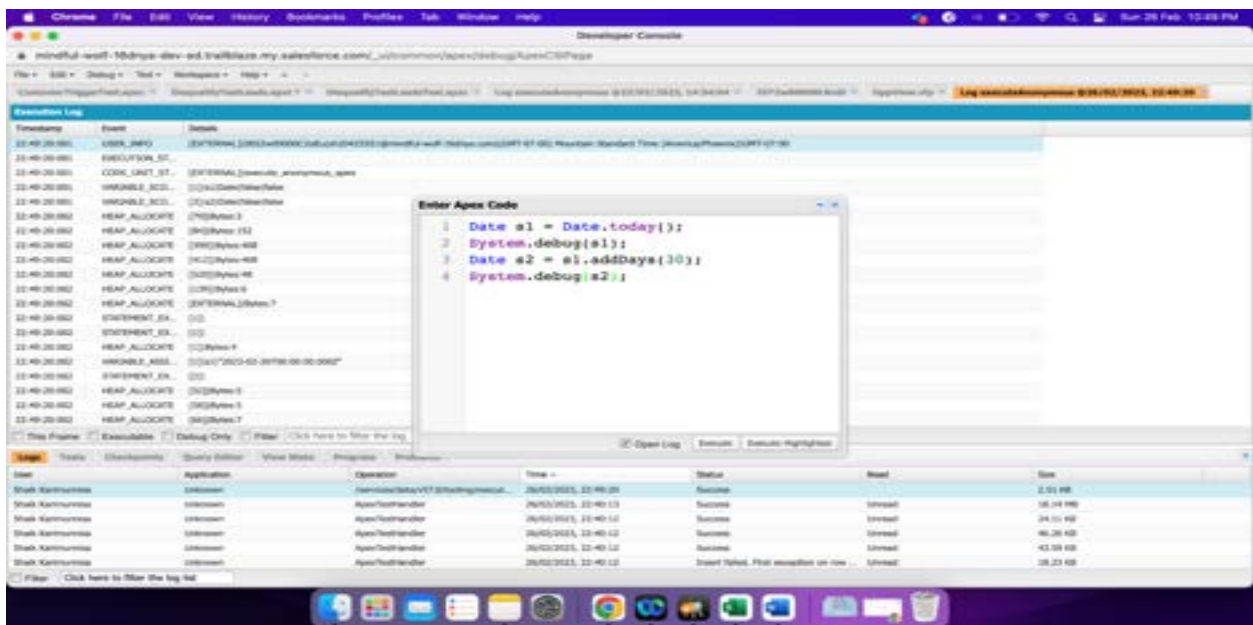


Exercise 2

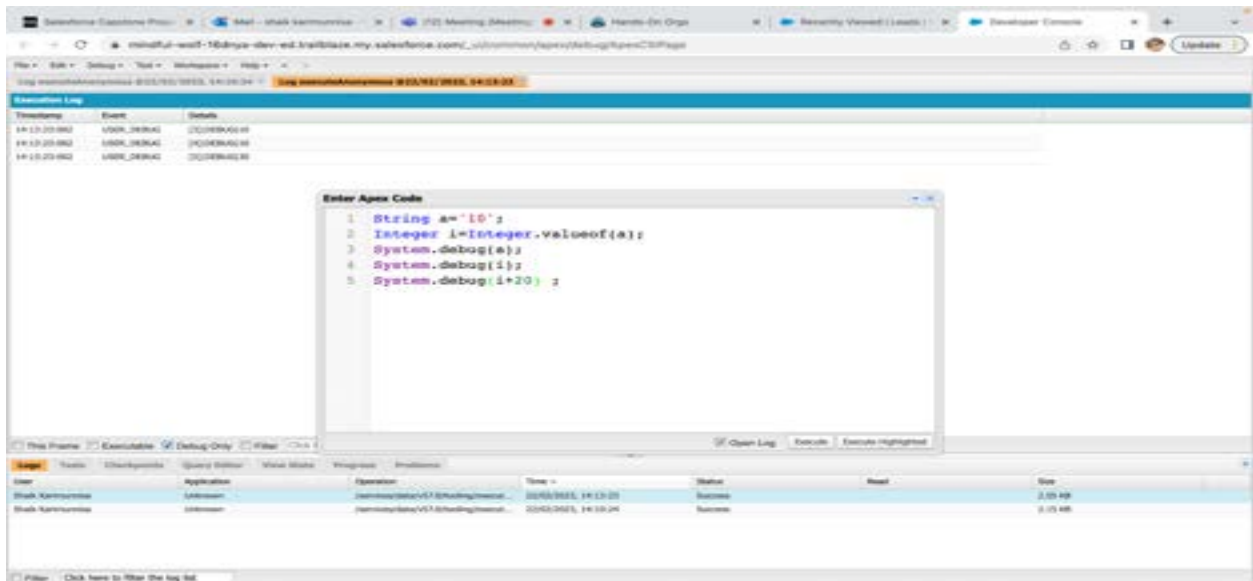
String Variable using ends with() method



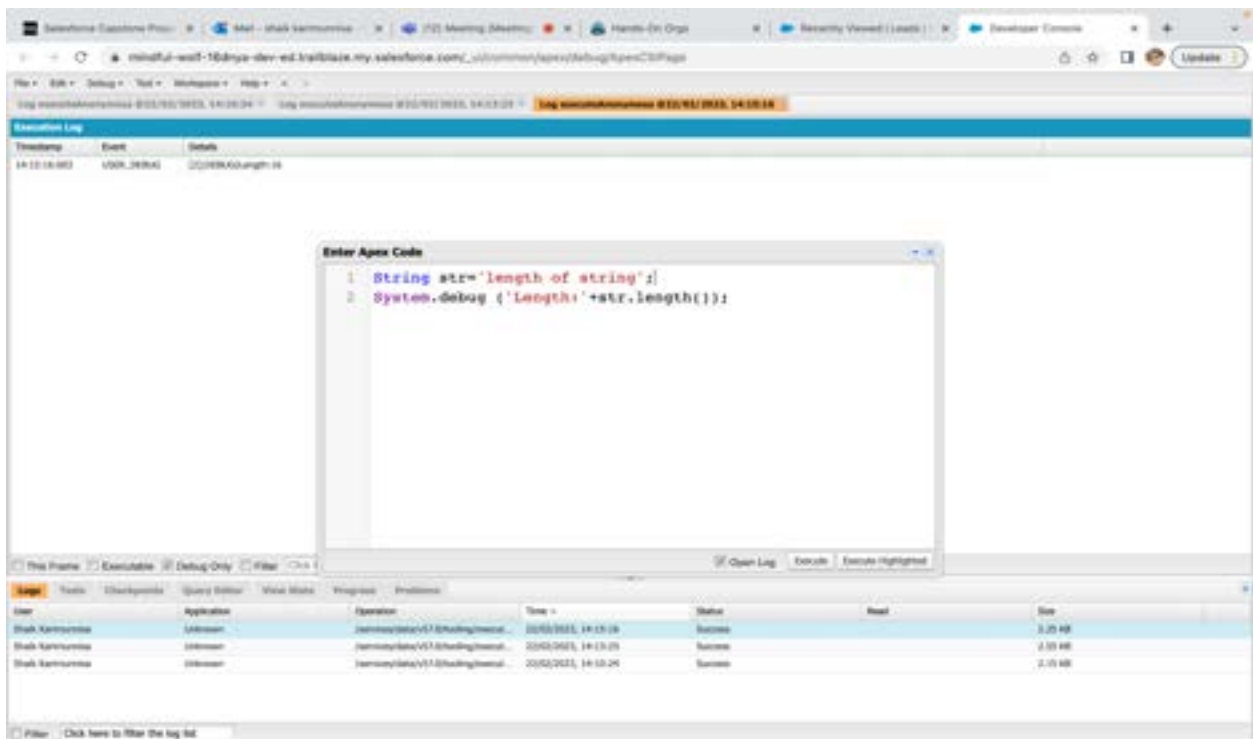
Used Date Method and displayed the date



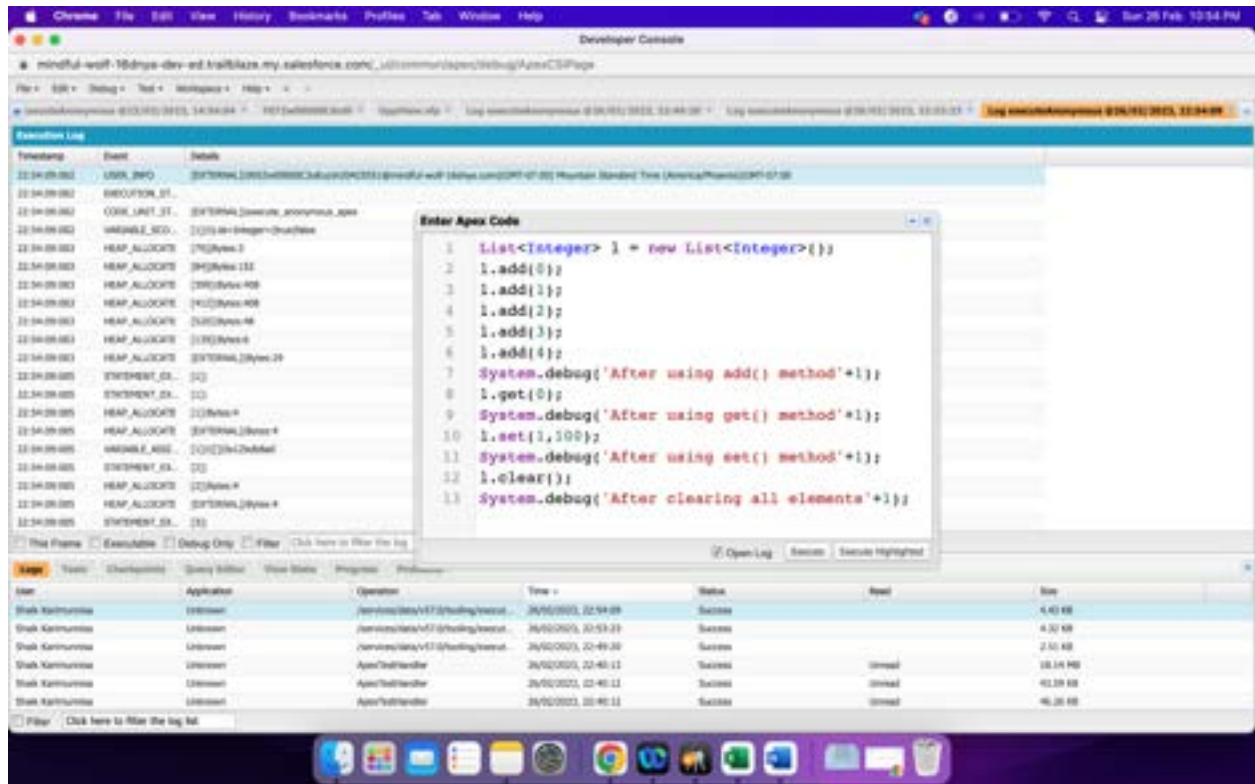
Converted the string to integer and added 20 to it



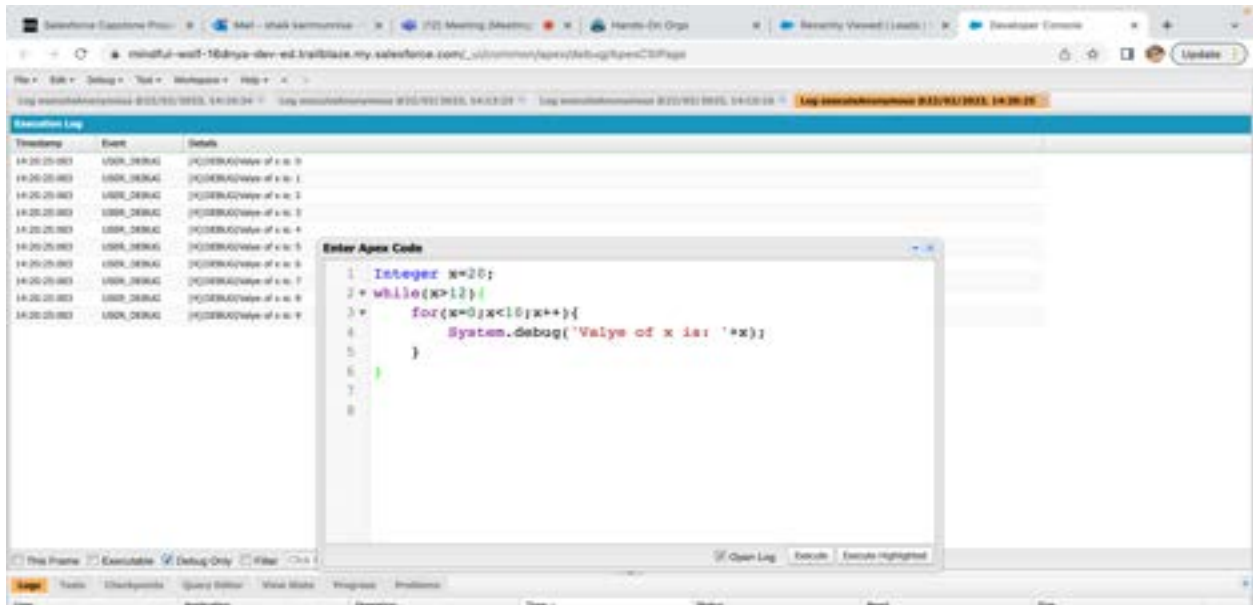
Used Length method to display String length



Defined a List displayed the outputs using different methods



Printed numbers between 0 to 9



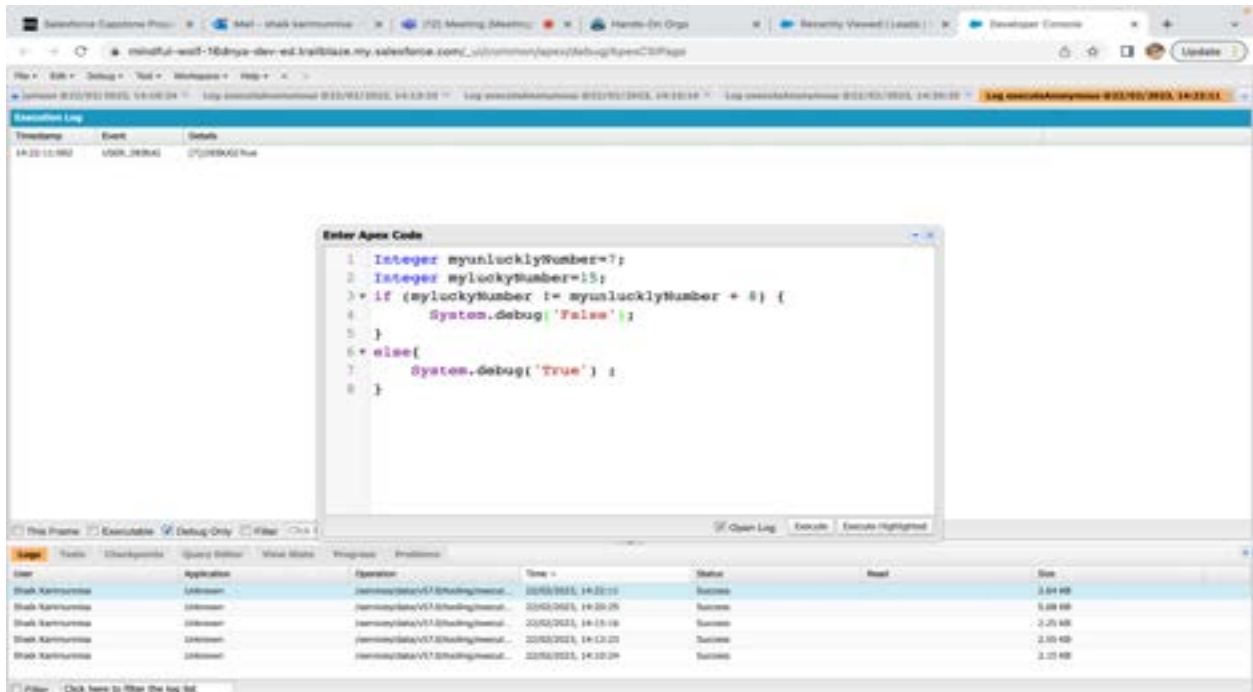
The screenshot shows the Salesforce Developer Console interface. An "Enter Apex Code" window is open, displaying the following code:

```
1 Integer x=20;
2 * while(x>10){
3 *     for(x=0;x<10;x++){
4 *         System.debug('Value of x is: ' + x);
5 *     }
6 * }
7
8
```

Below the code window, the "Execution Log" is visible, showing a series of debug messages:

Timestamp	Event	Details
14:20:25.003	USER_DEBUG	(0)DEBUG:Value of x is: 0
14:20:25.003	USER_DEBUG	(0)DEBUG:Value of x is: 1
14:20:25.003	USER_DEBUG	(0)DEBUG:Value of x is: 2
14:20:25.003	USER_DEBUG	(0)DEBUG:Value of x is: 3
14:20:25.003	USER_DEBUG	(0)DEBUG:Value of x is: 4
14:20:25.003	USER_DEBUG	(0)DEBUG:Value of x is: 5
14:20:25.003	USER_DEBUG	(0)DEBUG:Value of x is: 6
14:20:25.003	USER_DEBUG	(0)DEBUG:Value of x is: 7
14:20:25.003	USER_DEBUG	(0)DEBUG:Value of x is: 8
14:20:25.003	USER_DEBUG	(0)DEBUG:Value of x is: 9

Exercise 3



The screenshot shows the Salesforce Developer Console interface. An "Enter Apex Code" window is open, displaying the following code:

```
1 Integer myunluckyNumber=7;
2 Integer myluckyNumber=15;
3 * if (myluckyNumber != myunluckyNumber + 8) {
4 *     System.debug('False');
5 * }
6 * else{
7 *     System.debug('True');
8 * }
9
```

Below the code window, the "Execution Log" is visible, showing a single debug message:

Timestamp	Event	Details
14:20:11.002	USER_DEBUG	(0)DEBUG:True

At the bottom of the console, there is a table with columns: User, Application, Operation, Time, Status, and Size. The table contains five rows of data:

User	Application	Operation	Time	Status	Size
Shah Karimuraza	Unknown	SystemData/V1/ShahKarimuraza...	20/02/2023, 14:20:10	Success	3.04 KB
Shah Karimuraza	Unknown	SystemData/V1/ShahKarimuraza...	20/02/2023, 14:20:09	Success	3.08 KB
Shah Karimuraza	Unknown	SystemData/V1/ShahKarimuraza...	20/02/2023, 14:19:19	Success	2.25 KB
Shah Karimuraza	Unknown	SystemData/V1/ShahKarimuraza...	20/02/2023, 14:19:07	Success	2.10 KB
Shah Karimuraza	Unknown	SystemData/V1/ShahKarimuraza...	20/02/2023, 14:18:24	Success	2.12 KB

Exercise 4

The screenshot shows the Salesforce Developer Console interface. The top navigation bar includes tabs for Salesforce Capture Pro, Mail, and other applications. The main window displays the 'Enter Apex Code' editor with the following code:

```
1 Boolean istrue=True;
2 Boolean ifalse=False;
3 System.debug (istrue||ifalse);
```

Below the editor, the 'Execution Log' is visible, showing a table of log entries. The table has columns for User, Application, Operation, Time, Status, and Size. The log entries are as follows:

User	Application	Operation	Time	Status	Size
Shah Karmurita	Unknown	JavaScript/V7/Scripting/Insert	21/02/2023, 14:23:01	Success	2.35 KB
Shah Karmurita	Unknown	JavaScript/V7/Scripting/Insert	21/02/2023, 14:23:01	Success	2.69 KB
Shah Karmurita	Unknown	JavaScript/V7/Scripting/Insert	21/02/2023, 14:23:01	Success	1.68 KB
Shah Karmurita	Unknown	JavaScript/V7/Scripting/Insert	21/02/2023, 14:23:01	Success	2.25 KB
Shah Karmurita	Unknown	JavaScript/V7/Scripting/Insert	21/02/2023, 14:23:01	Success	2.55 KB
Shah Karmurita	Unknown	JavaScript/V7/Scripting/Insert	21/02/2023, 14:23:01	Success	2.15 KB

Exercise 5

The screenshot shows the Salesforce Developer Console interface. The top navigation bar includes tabs for Salesforce Capture Pro, Mail, and other applications. The main window displays the 'Enter Apex Code' editor with the following code:

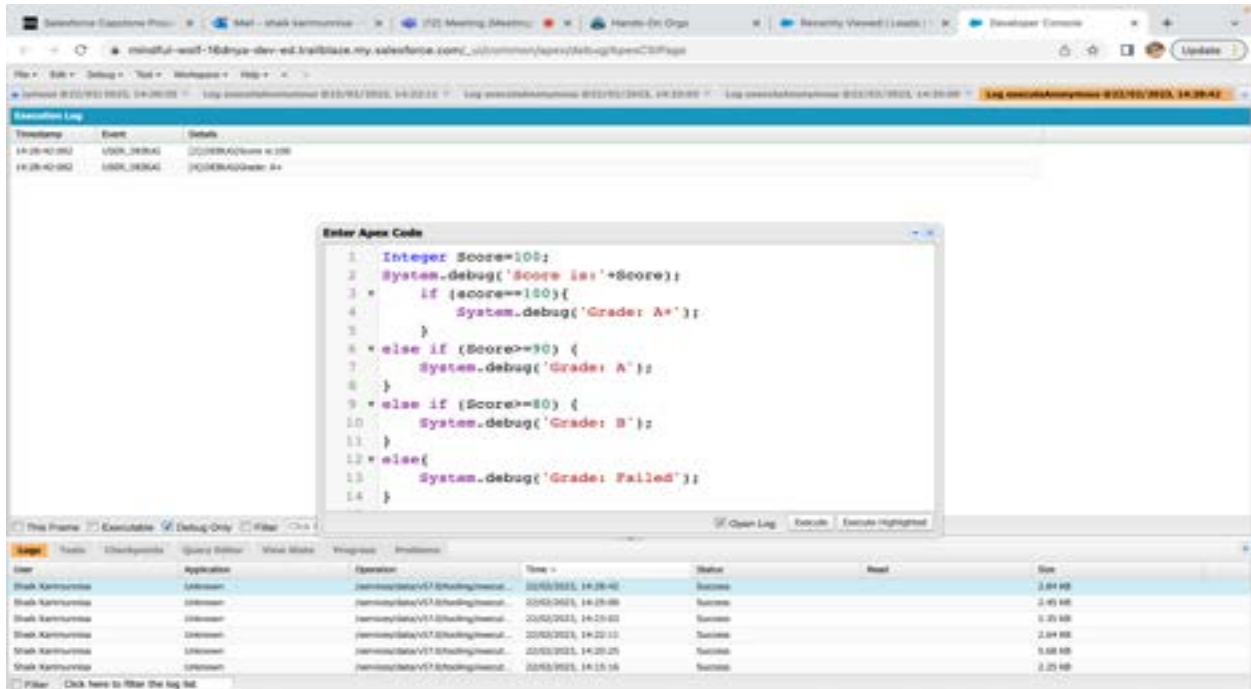
```
1 Date today = Date.today();
2 Date tomorrow = Date.today().addDays(1);
3 System.debug (today!=tomorrow);
```

Below the editor, the 'Execution Log' is visible, showing a table of log entries. The table has columns for User, Application, Operation, Time, Status, and Size. The log entries are as follows:

User	Application	Operation	Time	Status	Size
Shah Karmurita	Unknown	JavaScript/V7/Scripting/Insert	21/02/2023, 14:23:01	Success	5.45 KB
Shah Karmurita	Unknown	JavaScript/V7/Scripting/Insert	21/02/2023, 14:23:01	Success	2.35 KB
Shah Karmurita	Unknown	JavaScript/V7/Scripting/Insert	21/02/2023, 14:23:01	Success	2.69 KB
Shah Karmurita	Unknown	JavaScript/V7/Scripting/Insert	21/02/2023, 14:23:01	Success	1.68 KB
Shah Karmurita	Unknown	JavaScript/V7/Scripting/Insert	21/02/2023, 14:23:01	Success	2.25 KB
Shah Karmurita	Unknown	JavaScript/V7/Scripting/Insert	21/02/2023, 14:23:01	Success	2.55 KB

Exercise 6

Program for Finding the Grade based on Score



The screenshot shows the Salesforce Developer Console with an Apex code editor and an execution log. The code defines a grade based on a score: A for scores 100-90, B for scores 90-80, and Failed for scores below 80.

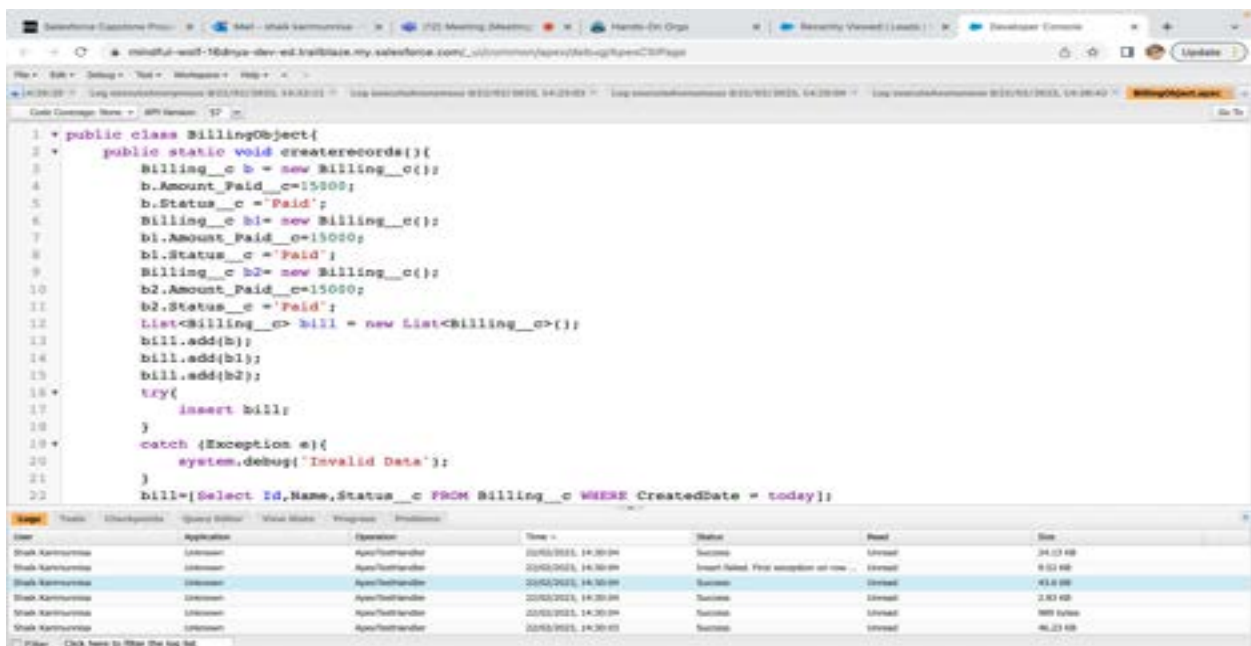
```
1 Integer Score=100;
2 System.debug('Score is:'+Score);
3 if (score==100){
4     System.debug('Grade: A');
5 }
6 else if (Score==90) {
7     System.debug('Grade: A');
8 }
9 else if (Score==80) {
10    System.debug('Grade: B');
11 }
12 else{
13    System.debug('Grade: Failed');
14 }
```

The execution log shows the following results:

User	Application	Operation	Time	Status	Heap	Size
Shah Karmurima	Unknown	Inserting data/V1/Executing/Insert	20/03/2023, 14:20:40	Success		2.84 KB
Shah Karmurima	Unknown	Inserting data/V1/Executing/Insert	20/03/2023, 14:20:40	Success		2.45 KB
Shah Karmurima	Unknown	Inserting data/V1/Executing/Insert	20/03/2023, 14:20:40	Success		1.35 KB
Shah Karmurima	Unknown	Inserting data/V1/Executing/Insert	20/03/2023, 14:20:41	Success		2.84 KB
Shah Karmurima	Unknown	Inserting data/V1/Executing/Insert	20/03/2023, 14:20:41	Success		5.68 KB
Shah Karmurima	Unknown	Inserting data/V1/Executing/Insert	20/03/2023, 14:20:41	Success		2.25 KB

Exercise 7

Program to execute Apex – for loop



The screenshot shows the Salesforce Developer Console with an Apex code editor and an execution log. The code uses a for loop to create 10 billing records with varying amounts and statuses.

```
1 public class BillingObject{
2     public static void createRecords(){
3         Billing__c b = new Billing__c();
4         b.Amount_Paid__c=15000;
5         b.Status__c = 'Paid';
6         Billing__c b1= new Billing__c();
7         b1.Amount_Paid__c=15000;
8         b1.Status__c = 'Paid';
9         Billing__c b2= new Billing__c();
10        b2.Amount_Paid__c=15000;
11        b2.Status__c = 'Paid';
12        List<Billing__c> bill = new List<Billing__c>();
13        bill.add(b);
14        bill.add(b1);
15        bill.add(b2);
16        try{
17            insert bill;
18        }
19        catch (Exception e){
20            system.debug('Invalid Data');
21        }
22        bill=[Select Id,Name,Status__c FROM Billing__c WHERE CreatedDate = today];
23    }
24 }
```

The execution log shows the following results:

User	Application	Operation	Time	Status	Heap	Size
Shah Karmurima	Unknown	Apex/ToolHandler	20/03/2023, 14:30:04	Success		34.13 KB
Shah Karmurima	Unknown	Apex/ToolHandler	20/03/2023, 14:30:04	Insert Failed: First exception on row		6.52 KB
Shah Karmurima	Unknown	Apex/ToolHandler	20/03/2023, 14:30:04	Success		43.8 KB
Shah Karmurima	Unknown	Apex/ToolHandler	20/03/2023, 14:30:04	Success		2.83 KB
Shah Karmurima	Unknown	Apex/ToolHandler	20/03/2023, 14:30:04	Success		989 Bytes
Shah Karmurima	Unknown	Apex/ToolHandler	20/03/2023, 14:30:05	Success		46.23 KB

Salesforce Developer Console

initialful-wsf-16dnpa-dev-ed.trailblaze.my.salesforce.com/_ui/common/apex/debug/apexCSPage

File • Edit • Debug • Test • Windows • Help •

Log: initialful-wsf-16dnpa-dev-ed.trailblaze.my.salesforce.com/_ui/common/apex/debug/apexCSPage

```

11      b2.Status__c = 'Paid';
12      List<Billing__c> bill = new List<Billing__c>();
13      bill.add(b1);
14      bill.add(b1);
15      bill.add(b2);
16      try{
17          insert bill;
18      }
19      catch (Exception e){
20          system.debug('Invalid Data');
21      }
22      bill=[Select Id,Name,Status__c FROM Billing__c WHERE CreatedDate = today];
23      system.debug('Value of Billing List: '+bill);
24      for(Billing__c bb: bill){
25          if(bb.Status__c == 'Paid')
26          {
27              System.debug('Value of Current record over which current record is iterating is: '+bb );
28              system.debug('Billing Records are: '+bb.Name);
29          }
30      }
31  }
32  }

```

Log: initialful-wsf-16dnpa-dev-ed.trailblaze.my.salesforce.com/_ui/common/apex/debug/apexCSPage

User	Application	Operation	Time	Status	Result	Size
Shah Karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:30:04	Success	Unread	1.81 KB
Shah Karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:30:05	Success	Unread	46.23 KB
Shah Karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:30:05	Success	Unread	16.14 KB
Shah Karimuraza	Unknown	remoteDataV1/ShadingResult...	20/05/2023, 14:29:42	Success		2.91 KB
Shah Karimuraza	Unknown	remoteDataV1/ShadingResult...	20/05/2023, 14:29:50	Success		2.45 KB
Shah Karimuraza	Unknown	remoteDataV1/ShadingResult...	20/05/2023, 14:29:53	Success		2.39 KB

Filter Click here to filter the log list

Salesforce Developer Console

initialful-wsf-16dnpa-dev-ed.trailblaze.my.salesforce.com/_ui/common/apex/debug/apexCSPage

File • Edit • Debug • Test • Windows • Help •

Log: initialful-wsf-16dnpa-dev-ed.trailblaze.my.salesforce.com/_ui/common/apex/debug/apexCSPage

Execution Log

Timestamp	Event	Details
14:29:17:000	USER_DEBUG	[[{"ID": "00000000000000000000000000000000", "Name": "0000", "Status__c": "Paid"}], [{"ID": "00000000000000000000000000000000", "Name": "0000", "Status__c": "Paid"}]]
14:29:17:049	USER_DEBUG	[[{"ID": "00000000000000000000000000000000", "Name": "0000", "Status__c": "Paid"}], [{"ID": "00000000000000000000000000000000", "Name": "0000", "Status__c": "Paid"}]]
14:29:17:090	USER_DEBUG	[[{"ID": "00000000000000000000000000000000", "Name": "0000", "Status__c": "Paid"}], [{"ID": "00000000000000000000000000000000", "Name": "0000", "Status__c": "Paid"}]]
14:29:17:090	USER_DEBUG	[[{"ID": "00000000000000000000000000000000", "Name": "0000", "Status__c": "Paid"}], [{"ID": "00000000000000000000000000000000", "Name": "0000", "Status__c": "Paid"}]]
14:29:17:090	USER_DEBUG	[[{"ID": "00000000000000000000000000000000", "Name": "0000", "Status__c": "Paid"}], [{"ID": "00000000000000000000000000000000", "Name": "0000", "Status__c": "Paid"}]]

Enter Apex Code

```

1  BillingObject.createRecords();

```

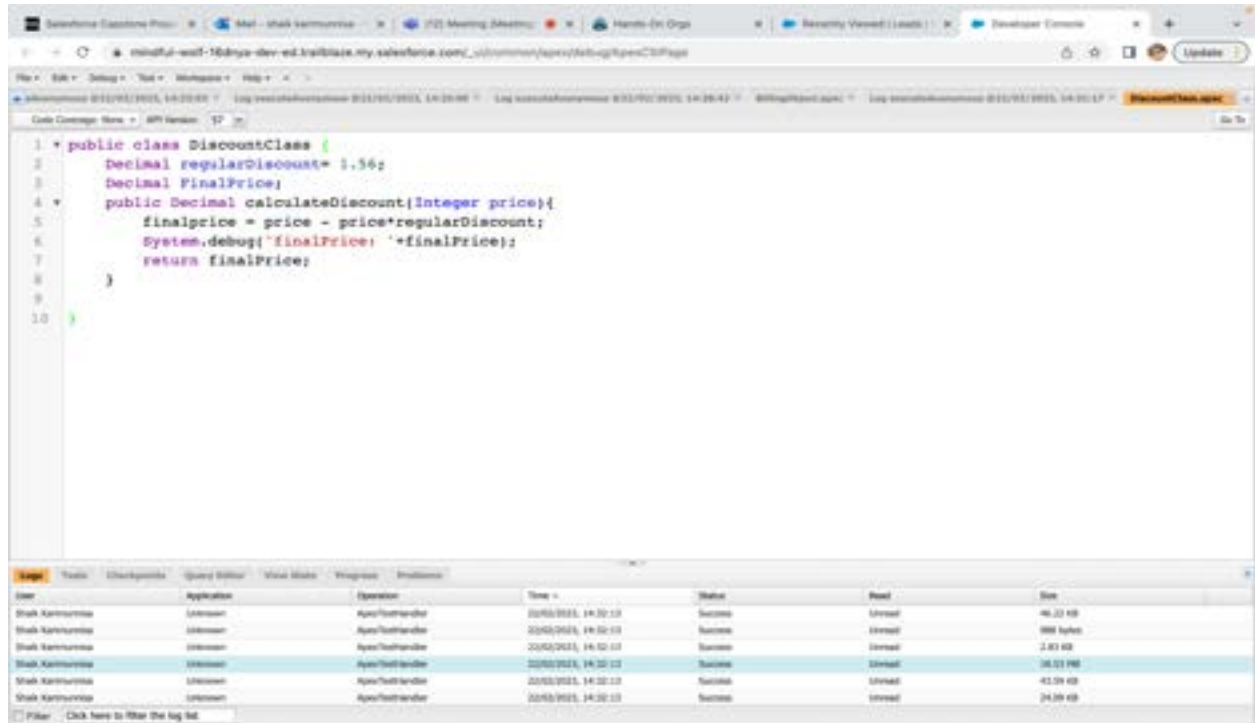
Log: initialful-wsf-16dnpa-dev-ed.trailblaze.my.salesforce.com/_ui/common/apex/debug/apexCSPage

User	Application	Operation	Time	Status	Result	Size
Shah Karimuraza	Unknown	remoteDataV1/ShadingResult...	20/05/2023, 14:29:17	Success		6.17 KB
Shah Karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:30:04	Success	Unread	24.13 KB
Shah Karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:30:04	Success	Unread	41.6 KB
Shah Karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:30:04	Success	Unread	6.52 KB
Shah Karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:30:04	Success	Unread	2.82 KB
Shah Karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:30:04	Success	Unread	500 bytes

Filter Click here to filter the log list

Exercise 8

Created a Class to demonstrate constants in Apex



The screenshot displays the Salesforce IDE interface. The top section shows the code editor with an Apex class named `DiscountClass`. The code defines a constant `regularDiscount` and a method `calculateDiscount` that uses this constant to calculate a final price.

```
1 public class DiscountClass {
2     Decimal regularDiscount = 1.56;
3     Decimal FinalPrice;
4     public Decimal calculateDiscount(Integer price){
5         finalPrice = price - price*regularDiscount;
6         System.debug('finalPrice: '+finalPrice);
7         return finalPrice;
8     }
9 }
10
```

The bottom section shows the 'Logs' tab with a table of execution logs. The table has columns for User, Application, Operation, Time, Status, Result, and Size. The logs show five successful executions of the `ApexTestHandler` operation.

User	Application	Operation	Time	Status	Result	Size
Shah KarimurRaza	Unknown	ApexTestHandler	20/05/2023, 14:32:13	Success	Unknown	46.13 KB
Shah KarimurRaza	Unknown	ApexTestHandler	20/05/2023, 14:32:13	Success	Unknown	988 bytes
Shah KarimurRaza	Unknown	ApexTestHandler	20/05/2023, 14:32:13	Success	Unknown	2.83 KB
Shah KarimurRaza	Unknown	ApexTestHandler	20/05/2023, 14:32:13	Success	Unknown	38.53 MB
Shah KarimurRaza	Unknown	ApexTestHandler	20/05/2023, 14:32:13	Success	Unknown	43.59 KB
Shah KarimurRaza	Unknown	ApexTestHandler	20/05/2023, 14:32:13	Success	Unknown	24.39 KB

The screenshot shows the Salesforce Developer Console interface. At the top, there's a navigation bar with tabs for Salesforce Lightning Pro, Mail, and various orgs. The main window displays the 'Execution Log' for the 'DiscountClass.apex' file. The log shows a single execution at 14:20:33.000, initiated by user 'shah.karimuraza', with a status of 'Success'. Below the log, a modal window titled 'Enter Apex Code' is open, showing the following code:

```
1 DiscountClass x = new DiscountClass();
2 x.calculateDiscount (200);
```

At the bottom, a table lists the execution details:

User	Application	Operation	Time	Status	Result	Size
shah.karimuraza	Unknown	InitializeVFS/Executing/Execu...	20/05/2023, 14:20:33	Success	Unread	4.4 KB
shah.karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:20:33	Success	Unread	46.12 KB
shah.karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:20:33	Success	Unread	580 bytes
shah.karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:20:33	Success	Unread	24.28 KB
shah.karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:20:33	Success	Unread	2.82 KB
shah.karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:20:33	Success	Unread	18.53 KB

Exercise 9

The screenshot shows the Salesforce Developer Console interface. The main window displays the 'Code Editor' for the 'InterfaceExample.apex' file. The code is as follows:

```
1 public interface InterfaceExample {
2     Double percentageDiscountToBeApplied();
3 }
4 }
```

At the bottom, a table lists the execution details:

User	Application	Operation	Time	Status	Result	Size
shah.karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:24:58	Success	Unread	17.61 KB
shah.karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:24:58	Success	Unread	46.18 KB
shah.karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:24:58	Success	Unread	34.12 KB
shah.karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:24:58	Success	Unread	43.58 KB
shah.karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:24:58	Success	Unread	580 bytes
shah.karimuraza	Unknown	ApexTestHandler	20/05/2023, 14:24:58	Success	Unread	1.81 KB

Salesforce Developer Pro

mindful-wolf-16d9a-dev-ed.trailblaze.my.salesforce.com/_ui/common/apex/debug/ApexCDPage

```

1 public class PremiumCustomer implements InterfaceExample{
2     public Double percentageDiscountToBeApplied(){
3         return 0.30;
4     }
5 }
6

```

User	Application	Operation	Time	Status	Result	Size
Shak Karmurina	Unknown	ApexTestHandler	22/02/2023, 14:34:38	Success	Unread	17.61 KB
Shak Karmurina	Unknown	ApexTestHandler	22/02/2023, 14:34:38	Success	Unread	46.79 KB
Shak Karmurina	Unknown	ApexTestHandler	22/02/2023, 14:34:38	Success	Unread	24.12 KB
Shak Karmurina	Unknown	ApexTestHandler	22/02/2023, 14:34:38	Success	Unread	43.58 KB
Shak Karmurina	Unknown	ApexTestHandler	22/02/2023, 14:34:38	Success	Unread	988 bytes
Shak Karmurina	Unknown	ApexTestHandler	22/02/2023, 14:34:38	Success	Unread	1.81 KB

Filter Click here to filter the log list

Salesforce Developer Pro

mindful-wolf-16d9a-dev-ed.trailblaze.my.salesforce.com/_ui/common/apex/debug/ApexCDPage

Log searchApexHandler 22/02/2023, 14:34:38

Execution Log

Timestamp	Event	Details
14:34:38.023	LOG: INFO	{1}INFO{1}

Enter Apex Code

```

1 PremiumCustomer x=new PremiumCustomer();
2 Double y=x.percentageDiscountToBeApplied();
3 System.debug(y);

```

Open Log Execute Execute Highlighted

User	Application	Operation	Time	Status	Result	Size
Shak Karmurina	Unknown	System.debug/CDPage/execute/apex	22/02/2023, 14:34:38	Success	Unread	3.84 KB
Shak Karmurina	Unknown	ApexTestHandler	22/02/2023, 14:35:01	Insert Error: First exception on row	Unread	9.52 KB
Shak Karmurina	Unknown	ApexTestHandler	22/02/2023, 14:34:38	Success	Unread	46.19 KB
Shak Karmurina	Unknown	ApexTestHandler	22/02/2023, 14:34:38	Success	Unread	988 bytes
Shak Karmurina	Unknown	ApexTestHandler	22/02/2023, 14:34:38	Success	Unread	43.58 KB
Shak Karmurina	Unknown	ApexTestHandler	22/02/2023, 14:34:38	Success	Unread	24.12 KB

Filter Click here to filter the log list

The screenshot shows the Salesforce IDE interface. The code editor displays a C# class named `normalCustomer` that implements the `InterfaceExample`. The class has a method `percentageDiscountToBeApplied()` that returns `0.10`.

```

1 * public class normalCustomer implements InterfaceExample{
2 *     public Double percentageDiscountToBeApplied(){
3 *         return 0.10;
4 *     }
5 * }
6 }

```

Below the code editor is a log table with the following columns: User, Application, Operation, Time, Status, Result, and Size.

User	Application	Operation	Time	Status	Result	Size
Shah Karmurima	Unknown	AppTestHandler	22/05/2023, 14:34:58	Success	Unread	1721 KB
Shah Karmurima	Unknown	AppTestHandler	22/05/2023, 14:34:58	Success	Unread	40.19 KB
Shah Karmurima	Unknown	AppTestHandler	22/05/2023, 14:34:58	Success	Unread	24.12 KB
Shah Karmurima	Unknown	AppTestHandler	22/05/2023, 14:34:58	Success	Unread	41.58 KB
Shah Karmurima	Unknown	AppTestHandler	22/05/2023, 14:34:58	Success	Unread	888 bytes
Shah Karmurima	Unknown	AppTestHandler	22/05/2023, 14:34:58	Success	Unread	7.81 KB

Exercise 10

Demo on DML Insert Operation Using Database method

The screenshot shows the Salesforce IDE interface. The code editor displays a C# class named `BillingInsert` with a static method `recordInsert()`. This method creates a list of `Ecustomer_c` objects, adds them to a database, and then creates a list of `Billing_c` objects, adding them to a database. It also includes error handling for database operations.

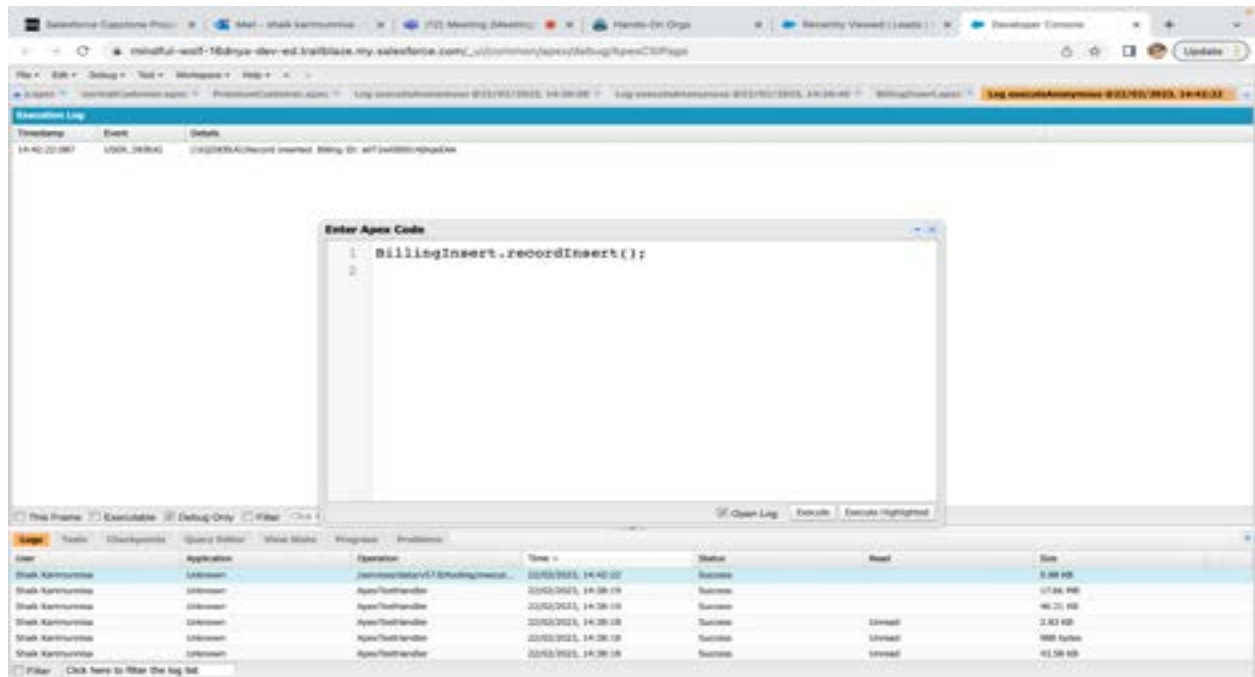
```

1 * public class BillingInsert {
2 *     public static void recordInsert(){
3 *         List<Ecustomer_c> c = new List<Ecustomer_c>();
4 *         Ecustomer_c cu = new Ecustomer_c();
5 *         cu.Name = 'Wipro1';
6 *         cu.Customer_Type__c = 'Premium';
7 *         c.add(cu);
8 *         insert c;
9 *         ID cu_id = cu.Id;
10 *         Billing_c[] bill = new List<Billing_c>{
11 *             new Billing_c{Status__c = 'Paid', Amount_Paid__c = 5000000, Ecustomer_c = cu_id}
12 *         };
13 *         Database.SaveResult[] l = Database.insert(bill, false);
14 *         for(Database.SaveResult sr:l){
15 *             if(sr.isSuccess()){
16 *                 system.debug('Record inserted. Billing ID: ' + sr.getId());
17 *             }
18 *             else{
19 *                 for(Database.Error e: sr.getErrors()){
20 *                     system.debug(e.getStatusCode() + ' ' + e.getMessage());
21 *                     system.debug('Billing fields which have error: ' + e.getFields());
22 *                 }
23 *             }
24 *         }
25 *     }
26 * }

```

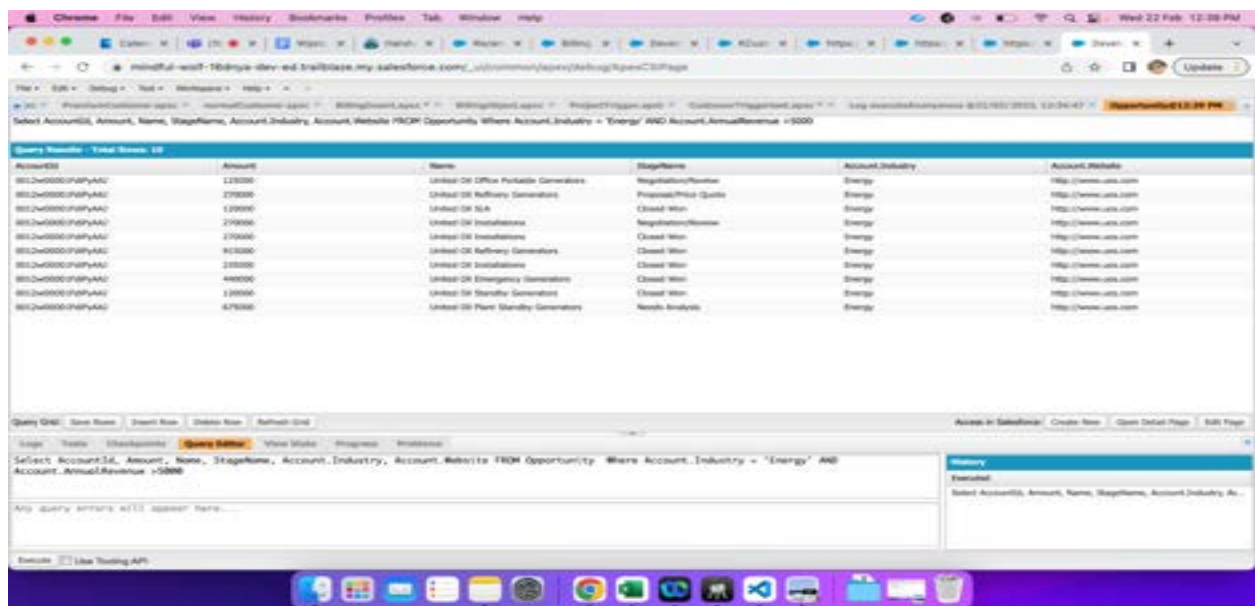
Below the code editor is a log table with the following columns: User, Application, Operation, Time, Status, Result, and Size.

User	Application	Operation	Time	Status	Result	Size
Shah Karmurima	Unknown	AppTestHandler	22/05/2023, 14:36:19	Success	Unread	40.19 KB
Shah Karmurima	Unknown	AppTestHandler	22/05/2023, 14:36:19	Success	Unread	57.86 KB
Shah Karmurima	Unknown	AppTestHandler	22/05/2023, 14:36:19	Success	Unread	8.12 KB
Shah Karmurima	Unknown	AppTestHandler	22/05/2023, 14:36:19	Success	Unread	888 bytes
Shah Karmurima	Unknown	AppTestHandler	22/05/2023, 14:36:19	Success	Unread	2.83 KB
Shah Karmurima	Unknown	AppTestHandler	22/05/2023, 14:36:19	Success	Unread	41.58 KB



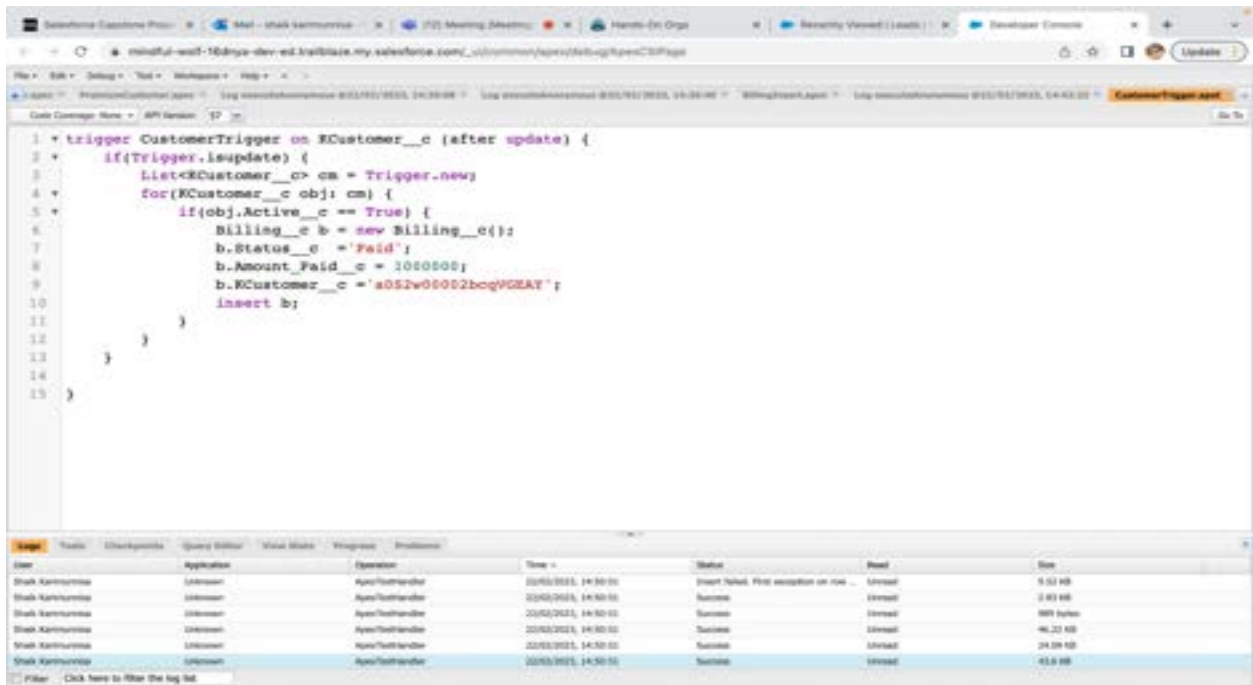
Exercise 11

Displaying Records According to the required conditions



Exercise 12

Created a Trigger for Billing Named Customer Trigger



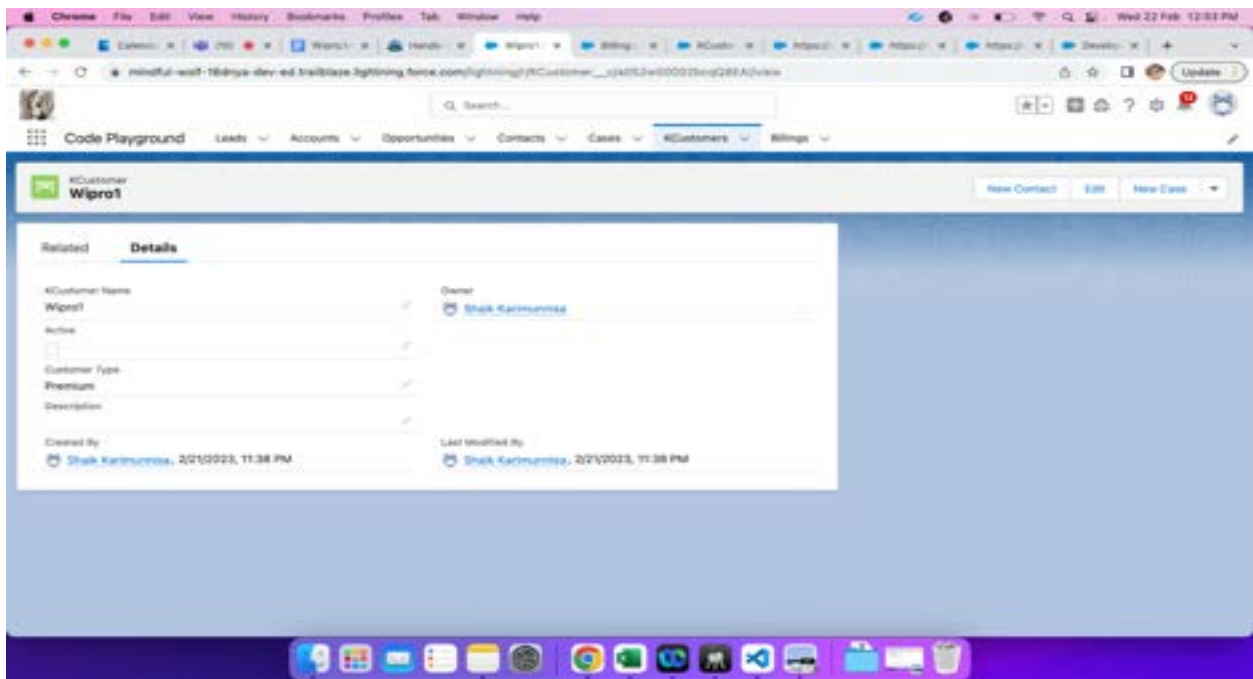
The screenshot shows the Salesforce Developer Console with a trigger named 'CustomerTrigger' on the 'KCustomer__c' object, triggered 'after update'. The trigger logic is as follows:

```
1 trigger CustomerTrigger on KCustomer__c (after update) {  
2   if (Trigger.isupdate) {  
3     List<KCustomer__c> cm = Trigger.new;  
4     for (KCustomer__c obj: cm) {  
5       if (obj.Active__c == True) {  
6         Billing__c b = new Billing__c();  
7         b.Status__c = 'Paid';  
8         b.Amount_Paid__c = 1000000;  
9         b.KCustomer__c = 'a052w00002bcqVGEAY';  
10        insert b;  
11      }  
12    }  
13  }  
14 }  
15 }
```

Below the code editor, the 'Log' tab shows the execution of the trigger. The log table is as follows:

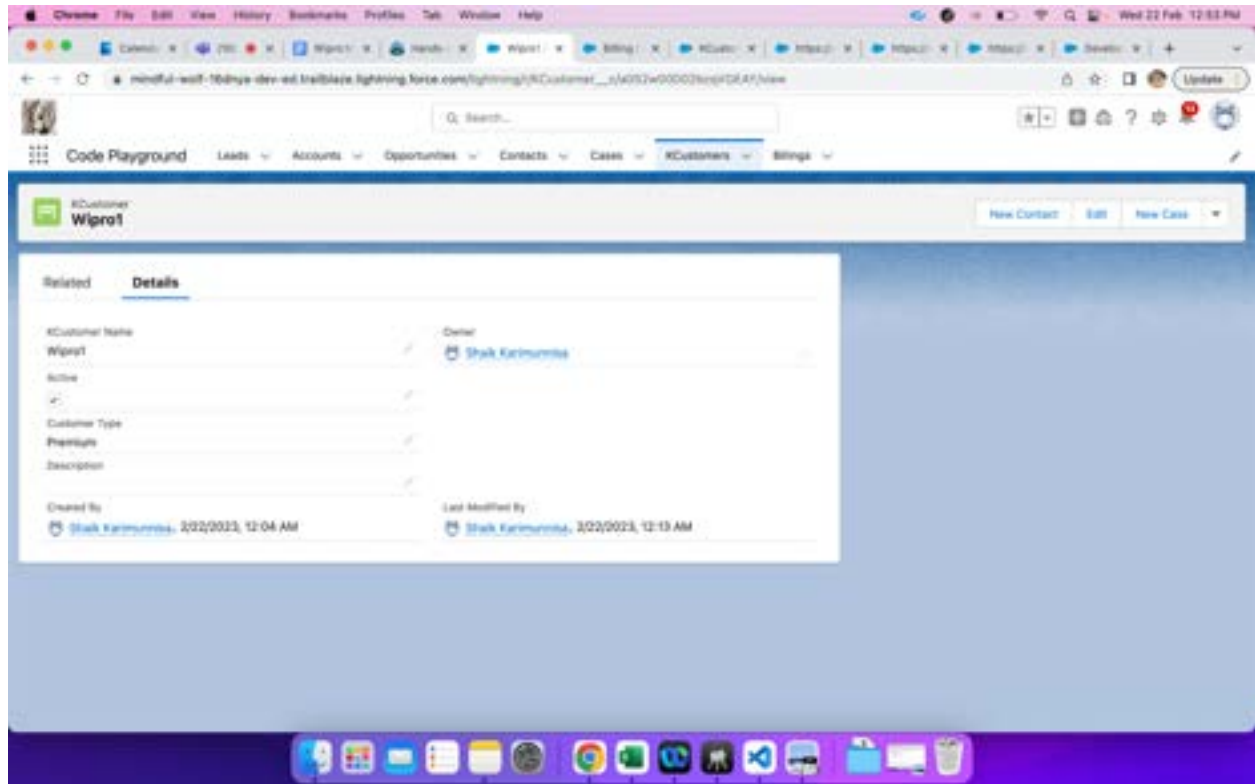
User	Application	Operation	Time	Status	Post	Size
Shak Karamanna	Unknown	ApexTestHandler	20/02/2023, 14:50:50	Insert failed. First exception on row ...	Unknown	5.52 KB
Shak Karamanna	Unknown	ApexTestHandler	20/02/2023, 14:50:50	Succeed	Unknown	2.83 KB
Shak Karamanna	Unknown	ApexTestHandler	20/02/2023, 14:50:50	Succeed	Unknown	889 bytes
Shak Karamanna	Unknown	ApexTestHandler	20/02/2023, 14:50:50	Succeed	Unknown	46.22 KB
Shak Karamanna	Unknown	ApexTestHandler	20/02/2023, 14:50:50	Succeed	Unknown	24.58 KB
Shak Karamanna	Unknown	ApexTestHandler	20/02/2023, 14:50:50	Succeed	Unknown	43.8 KB

Updated Salesforce Customer from in active to active

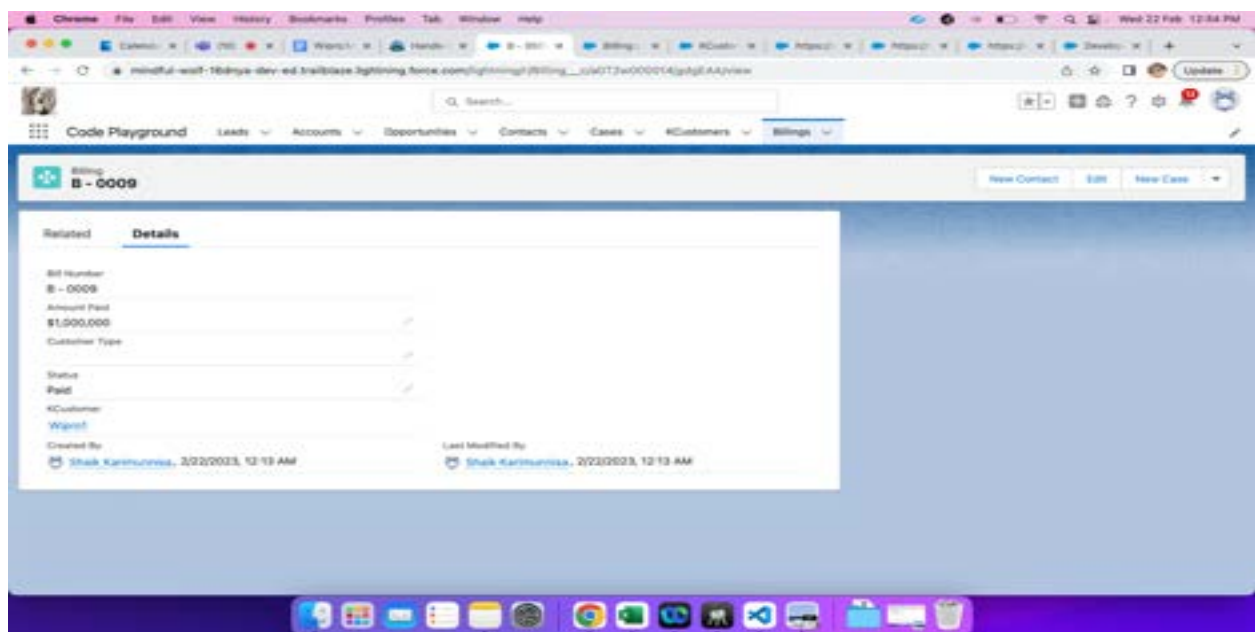


The screenshot shows the Salesforce Customer record page for 'Wipro1'. The 'Details' tab is selected, showing the following information:

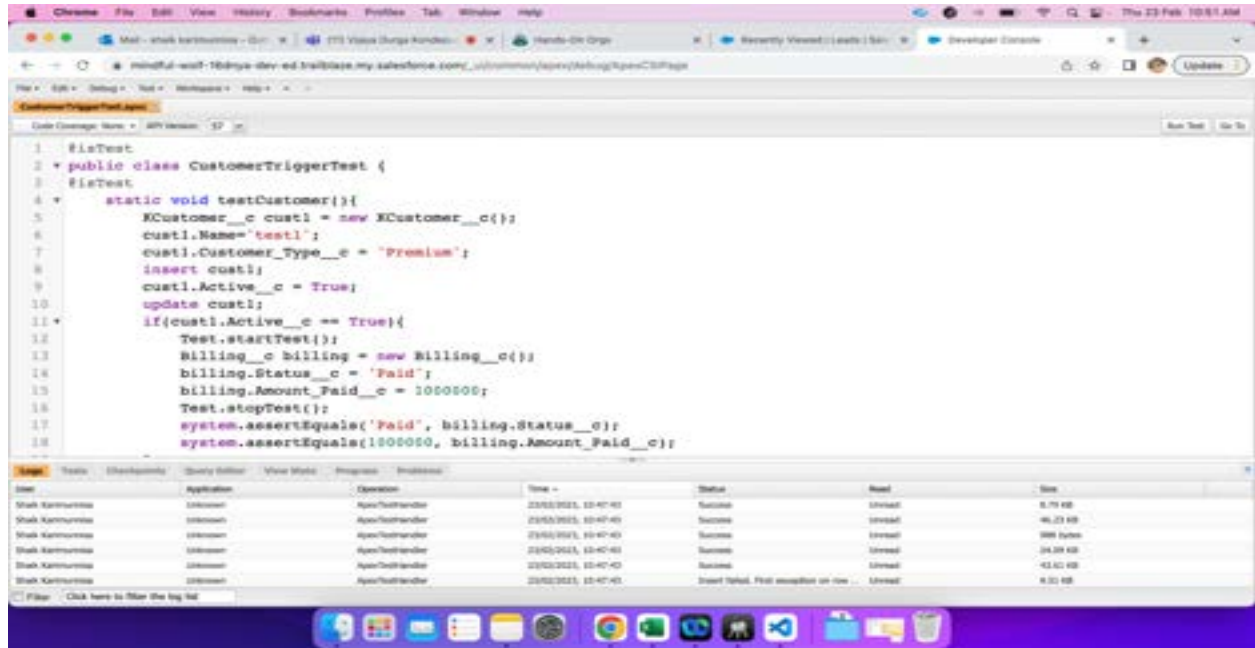
- KCustomer Name:** Wipro1
- Active:** ☒
- Customer Type:** Premium
- Description:**
- Created By:** Shak Karamanna, 20/02/2023, 11:38 PM
- Last Modified By:** Shak Karamanna, 20/02/2023, 11:38 PM



New Record Created in Billing Object with Salesforce as Customer

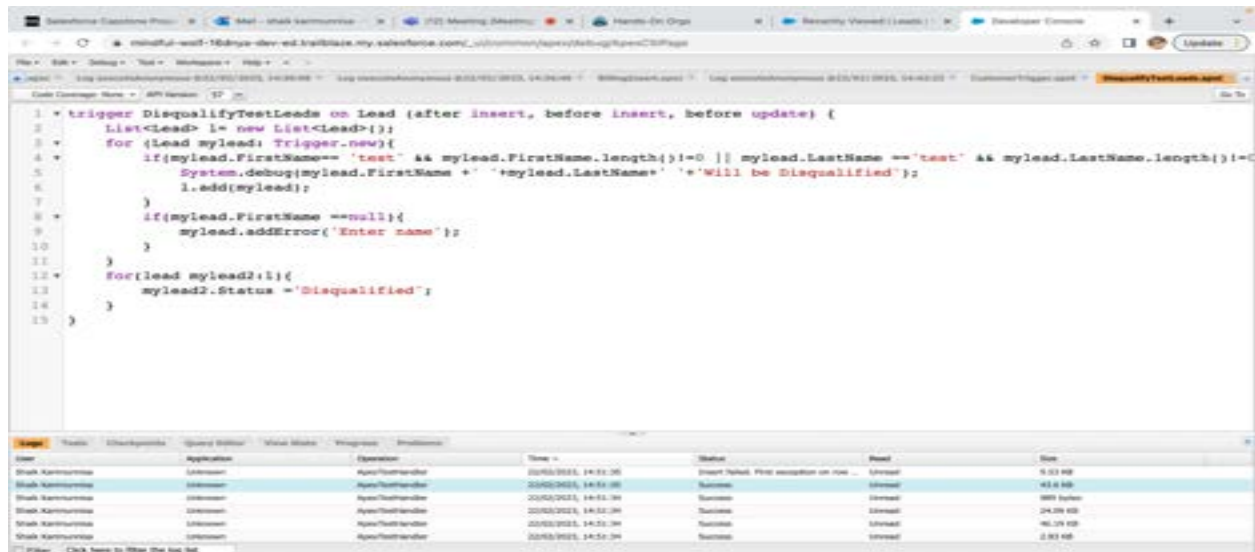


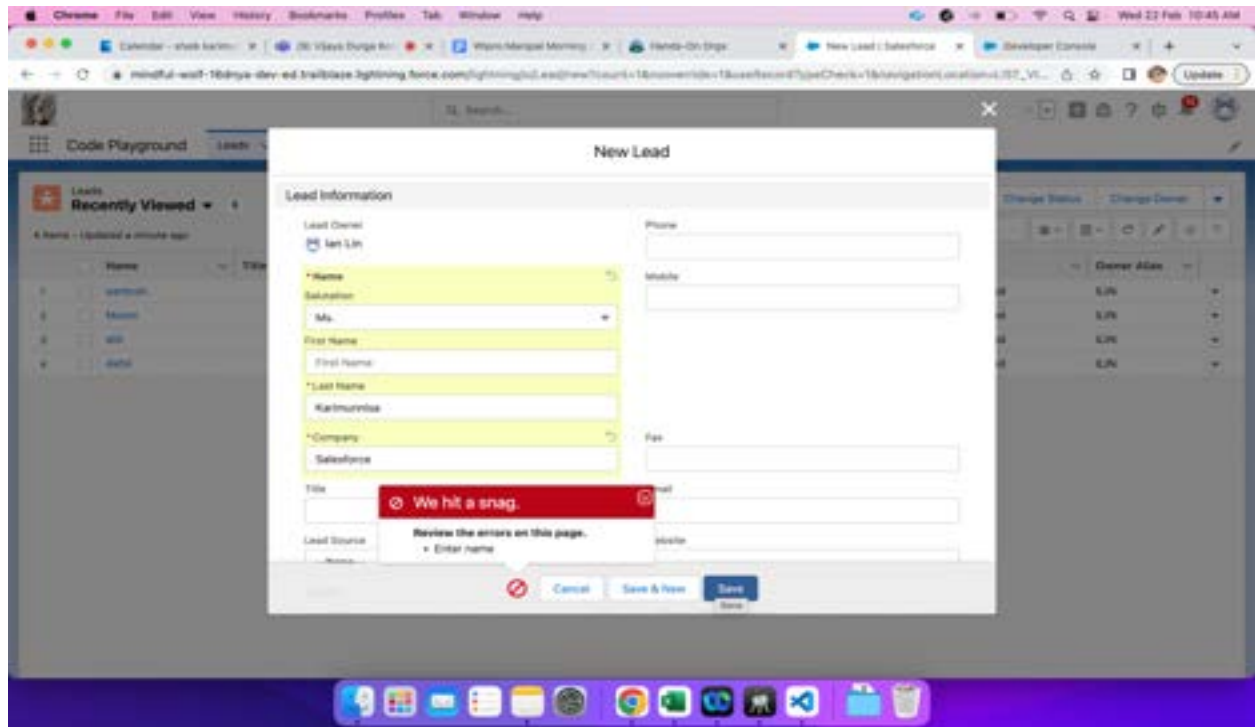
Created a Test class for Custom Trigger



Exercise 14

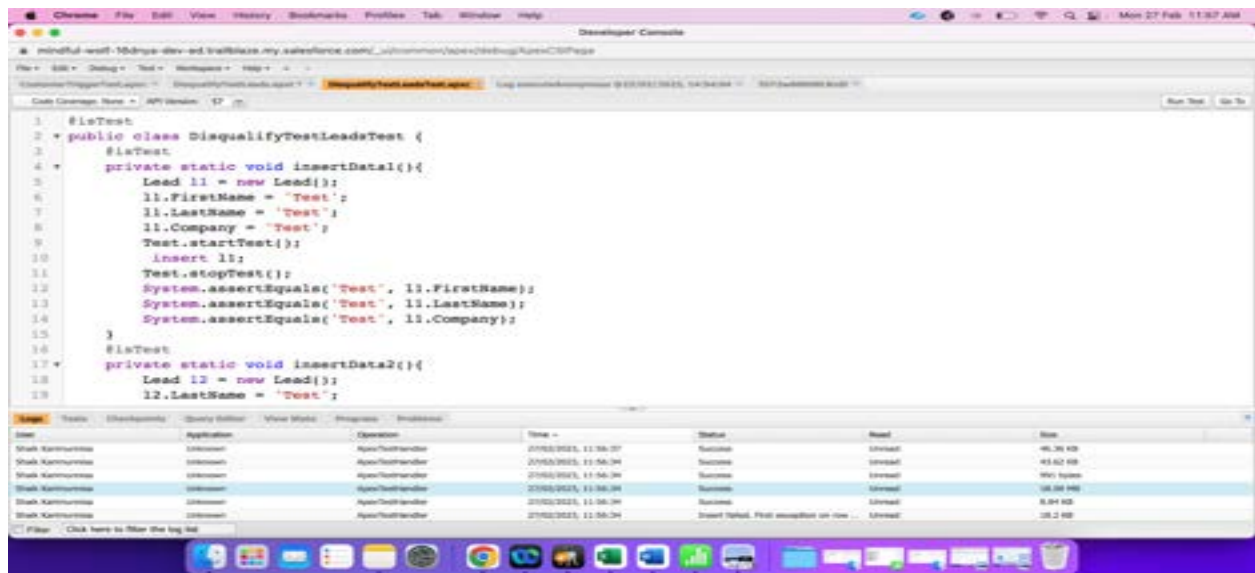
Created a Trigger for Leads Named DisqualifyTestLeads

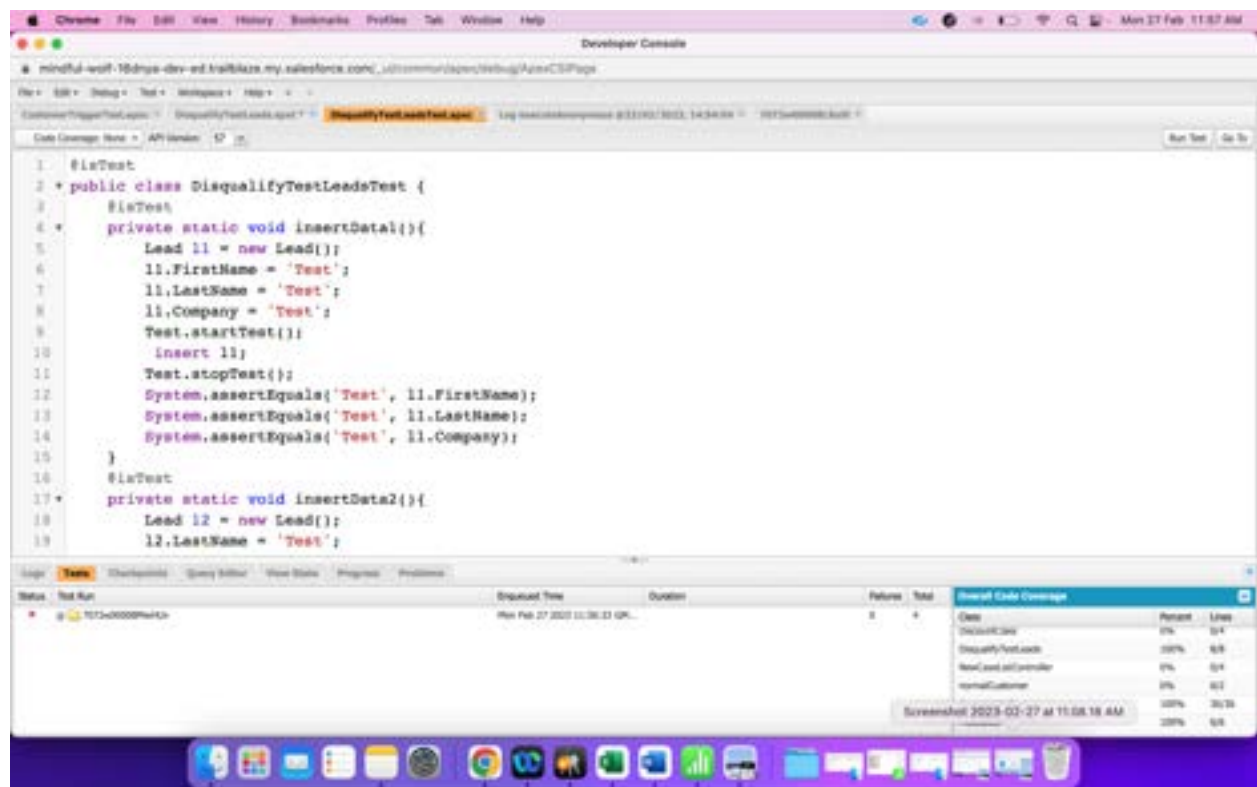




Exercise 15

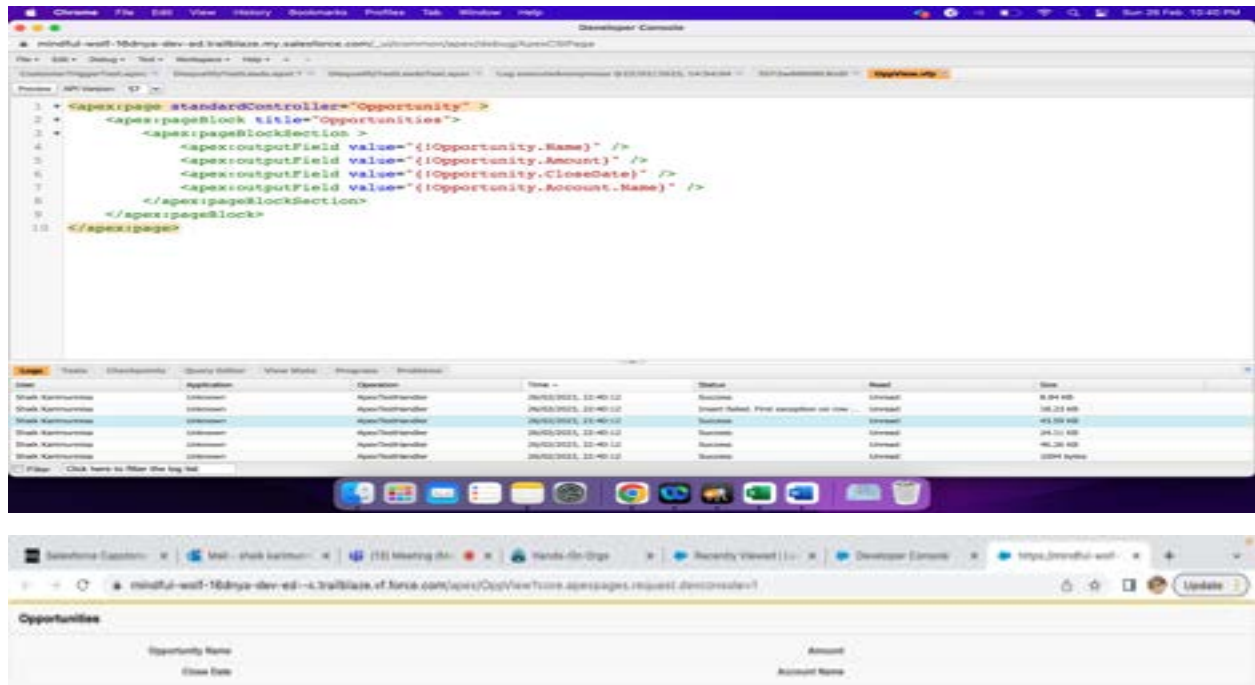
Created a test class for DisqualifyTestLeadstrigger





Exercise 16

Created a Visualforce Page OppView and displayed four apex: outputfields



Created a Visualforce page that shows a list of Accounts linked to their record pages

The screenshot shows a Salesforce Developer console. The top part displays the Apex code for a page, which is a list view for accounts. The code uses `<apex:page>` with `standardController="Account"` and `recordSetVar="Accounts"`. It includes an `<apex:pageBlock>` containing an `<apex:repeat>` loop that iterates over the `Accounts` list. Inside the loop, there is an `<apex:outputLink>` and an `<apex:outputText>` for each account. The code is as follows:

```

1 <apex:page standardController="Account" recordSetVar="Accounts">
2   <apex:pageBlock>
3     <apex:repeat var="a" value="{!Accounts}" rendered="true" id="account_list">
4       <li>
5         <apex:outputLink value="/{!a.ID}">
6           <apex:outputText value="{!a.Name}" />
7         </apex:outputLink>
8       </li>
9     </apex:repeat>
10  </apex:pageBlock>
11 </apex:page>

```

The bottom part of the console shows a log table with the following columns: User, Application, Operation, Time, Status, and Row. The table contains 6 rows of log entries, all with a status of 'Success'.

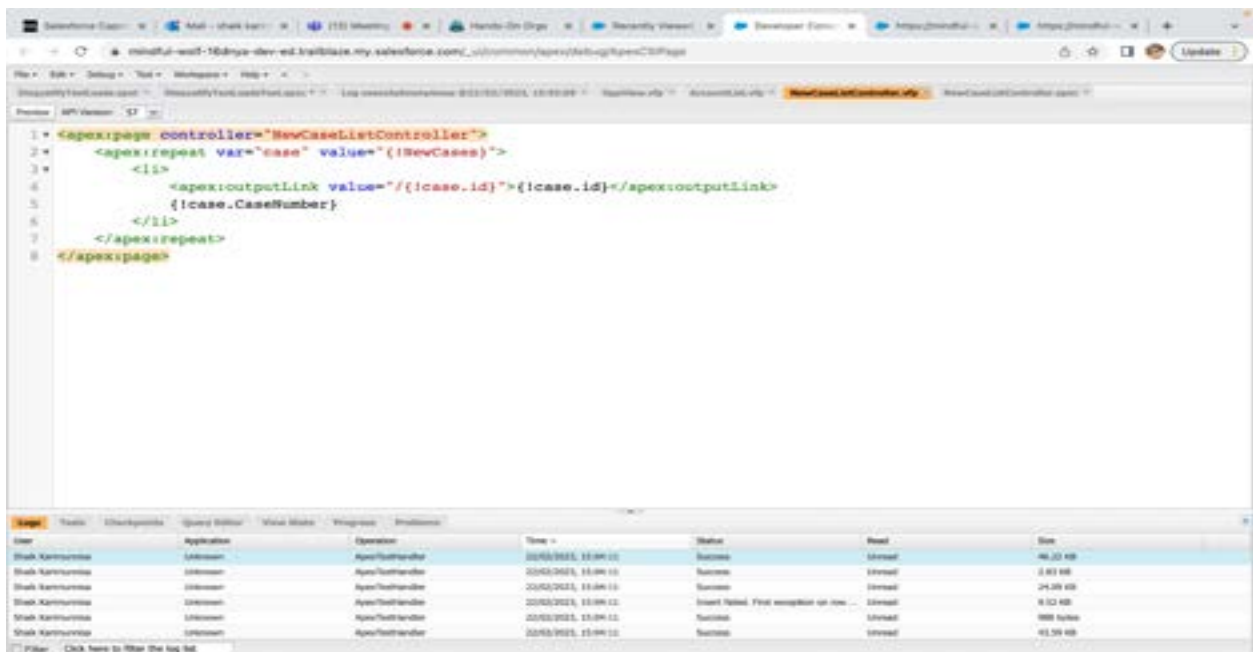
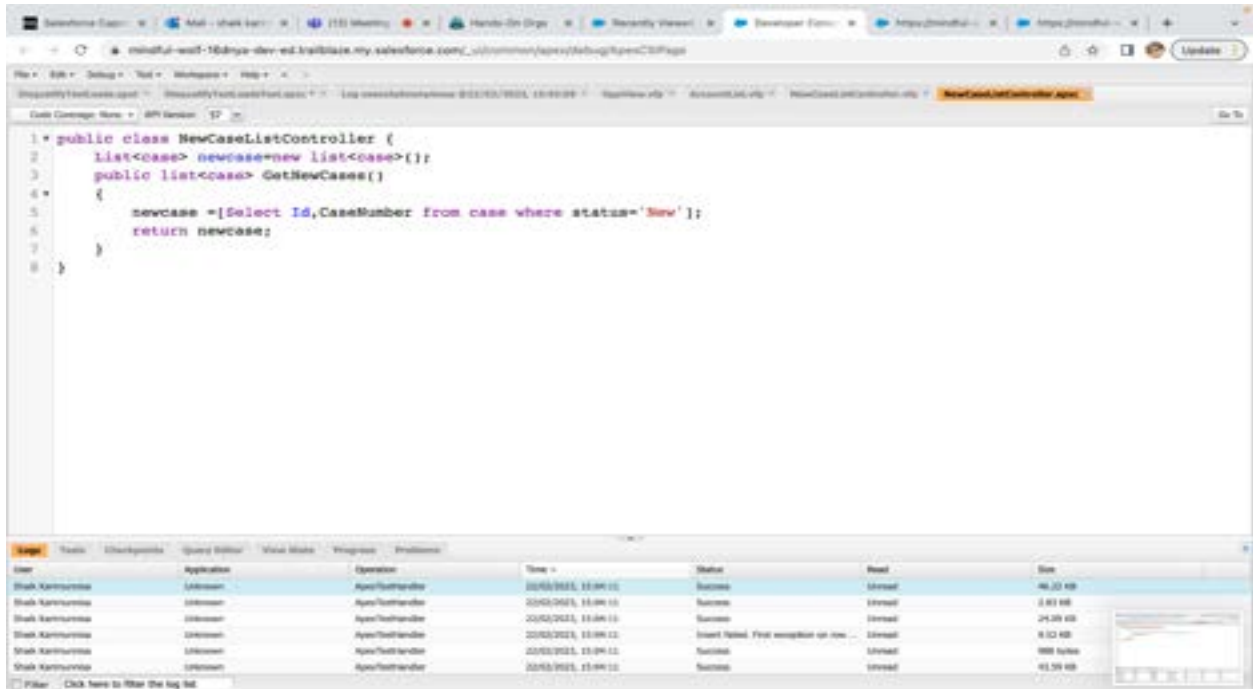
User	Application	Operation	Time	Status	Row
Shak Karmurao	Unknown	Apex/Controller	20/03/2021, 15:40:00	Success	34,08 KB
Shak Karmurao	Unknown	Apex/Controller	20/03/2021, 15:40:00	Success	43,95 KB
Shak Karmurao	Unknown	Apex/Controller	20/03/2021, 15:40:00	Success	589 bytes
Shak Karmurao	Unknown	Apex/Controller	20/03/2021, 15:40:00	Success	2,83 KB
Shak Karmurao	Unknown	Apex/Controller	20/03/2021, 15:40:00	Success	8,30 KB
Shak Karmurao	Unknown	Apex/Controller	20/03/2021, 15:40:00	Success	46,22 KB

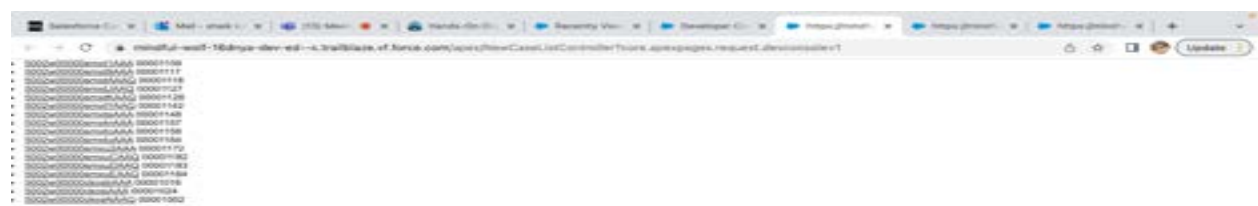
The screenshot shows a web browser window with multiple tabs. The active tab is titled "midful-waf-16d9e2e-ed-4.3a16ace.vf" and the address bar shows the URL "https://github.com/4.3a16ace.vf/midful-waf-16d9e2e-ed-4.3a16ace.vf". The page content displays a list of companies, likely a list of contributors or clients, with each name preceded by a red checkmark icon. The list includes:

- Big Data Recording
- Golden Inc.
- Golden Ltd.
- Golden Partners, Inc.
- Heavily Technical Infrastructure
- Intel Inc.
- Intel Security
- Michael Partners, Inc.
- Midwest Solutions
- Parsons Ltd.
- Parsons Services, Inc.
- Parsons Industries
- Productivity, Inc.
- Productivity Services, Inc.
- Productivity Solutions
- Research Incorporated
- Research Ltd.
- St. Tech Incorporated
- Southern Limited
- Southern Ltd.

Exercise 18

Created a Visualforce Page that uses an Apex class to display a list of cases with the status of 'New'.





References

1. [Manage sales - Salesforce IN](#)
2. [Salesforce - ADX201 Administrative Essentials for new Admins in Lightning Experience \(SFADX201\) \(qa.com\)](#)
3. [Understand the Salesforce Architecture Unit | Salesforce Trailhead](#)