BUILD A EMPLOYEE TRAVEL APPROVAL APPLICATION FOR CORPORATES

1 INDRODUCTION:

1.1 OVERVIEW

Another research revealed that travelers turn to a wide range of apps more regularly when they have a definite plan of where they need to go. Such users demand to be communicated on a regular basis via push messages, in-app chats, notifications sent before during and after the trip. These expectations present agencies with many opportunities to increase engagement.

These years users install tools not only to evaluate their choices but complete the target activity. 81.8% install-to-reserve rate supports this idea, revealing that users rely on a mobile/web solution to make a booking. Even though the value of such a transaction remains unknown, it is stated that the cost to acquire such a user is around $5.51

Creating business travel approval workflow is one of the most crucial steps in preparing the organization for an efficient and effective Business travel management system. It offers many benefits concerning better traveler experience, reduced work burden for the travel admins desk and savings for the organization. The CFO's usually form a small working group from the respective department; HR and Travel Admin to assess their current business travel workflow and redesign it.

1.2 PURPOSE

ACHIEVED BY THIS PROJECT

- Boost morale. The promise of a vacation to a hot destination, like San Diego, is usually enough to keep any employee's morale high.
- Relieve stress. The vacations themselves also serve as a form of stress reliable
- Absence makes the heart grow fonder. No matter how fun and welcoming your office is, everyone needs some time away.
- Exposure to new cultures.

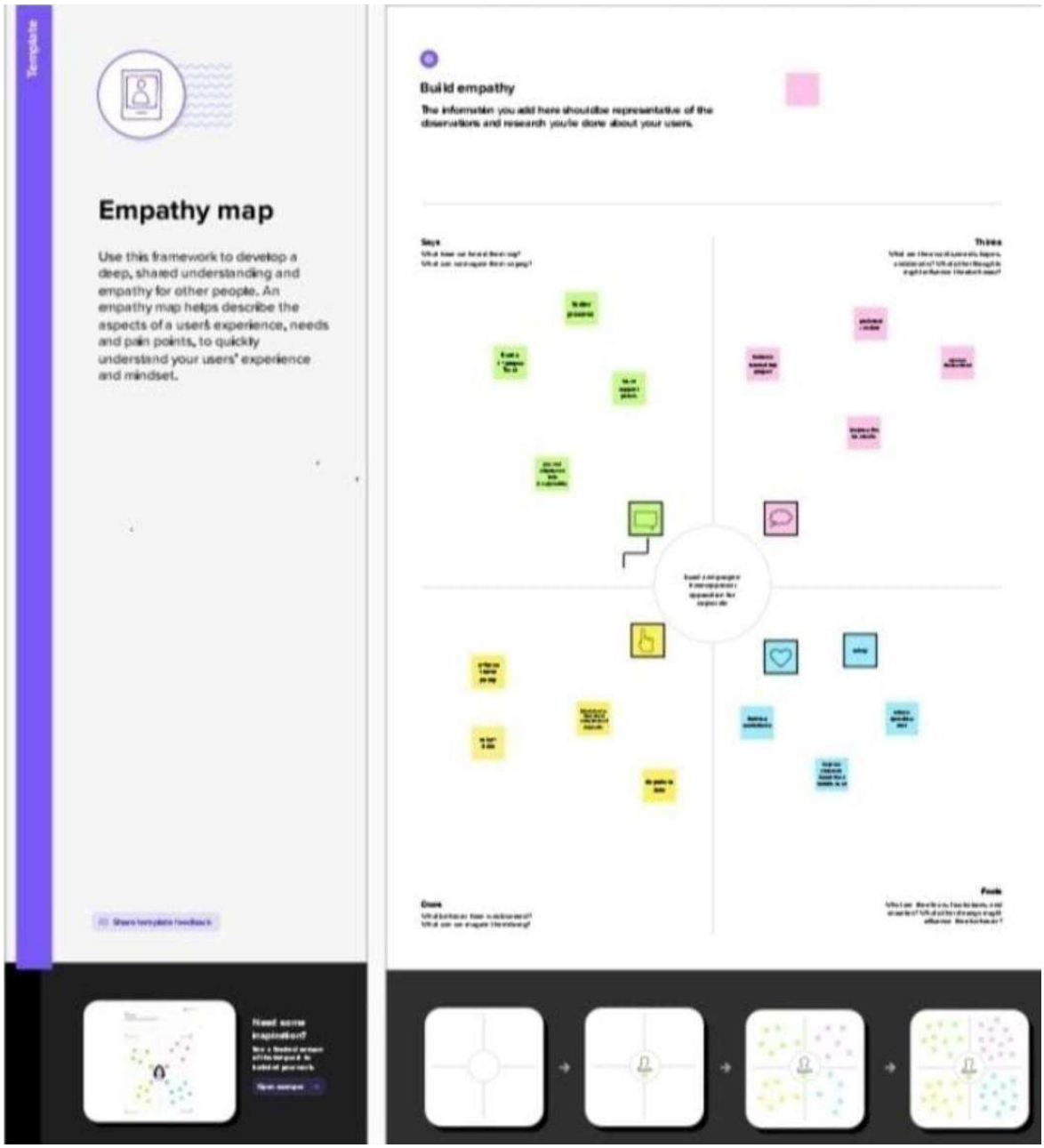
USES:

As our employee, you may need to **travel** for company purposes. This includes trips to: Meet with clients or partners. Attend events, like conferences, where you'll represent our company.

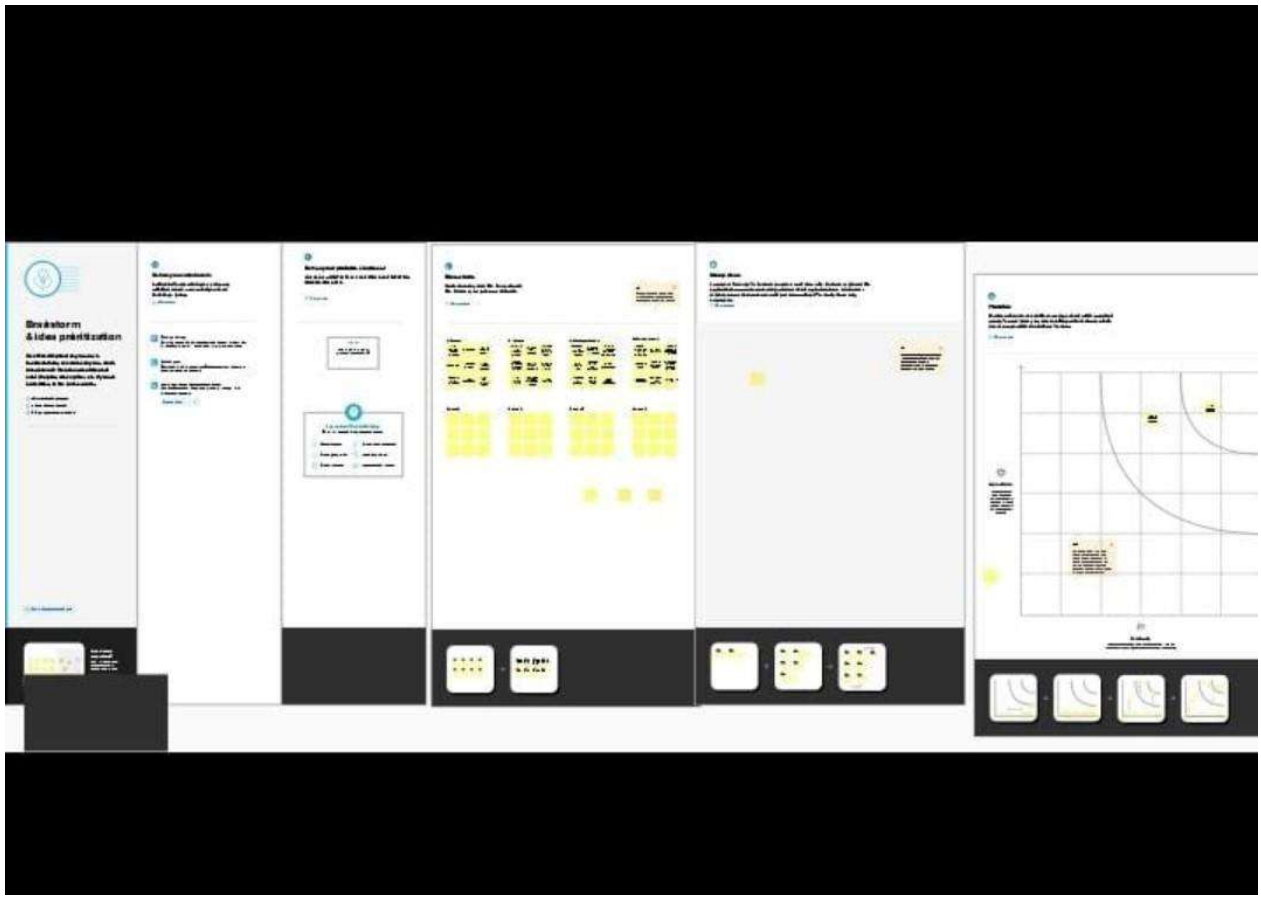
Visit our company's offices in other locations. Conduct research or give talks/ lectures/ presentations on behalf of our company.

2 PROBLEM DEFINITION AND DESIGN THINKING

2.1 EMPATHY MAP



2.2 IDEATION AND BRAINSTORMING MAP:



3.RESULT

3.1 DATA MODEL

<table>
<tr><td>OBJECT NAME</td><td>FIELDS IN THE OBJECT</td></tr>
<tr><td>DEPARTMENT</td><td>
<table>
<tr><td>FIELD LABLE</td><td>DATA TYPE</td></tr>
<tr><td>CREATED BY</td><td>LOOKUP(USER)</td></tr>
<tr><td>DEPARTMENT</td><td>TEXT(80)</td></tr>
<tr><td>OWNER</td><td>LOCKUP(USER,GROUP)</td></tr>
<tr><td>TRAVEL REQUESTS</td><td>TEXT(67)</td></tr>
<tr><td>TRIP END DATE</td><td>DATE</td></tr>
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</td></tr>
<tr><td>TRAVEL APPROVAL</td><td>
<table>
<tr><td>FIELD LABEL</td><td>DATA TYPE</td></tr>
<tr><td>CREATED BY</td><td>LOOKUP(USER)</td></tr>
<tr><td>DEPARTMENT</td><td>TEXT(8)</td></tr>
<tr><td>DESTINATION DATE</td><td>GEOLOCATION</td></tr>
<tr><td>OUT OF STATE</td><td>GEOLOCATION</td></tr>
<tr><td>TRAVEL APPROVAL#</td><td>AUTONUMBER</td></tr>
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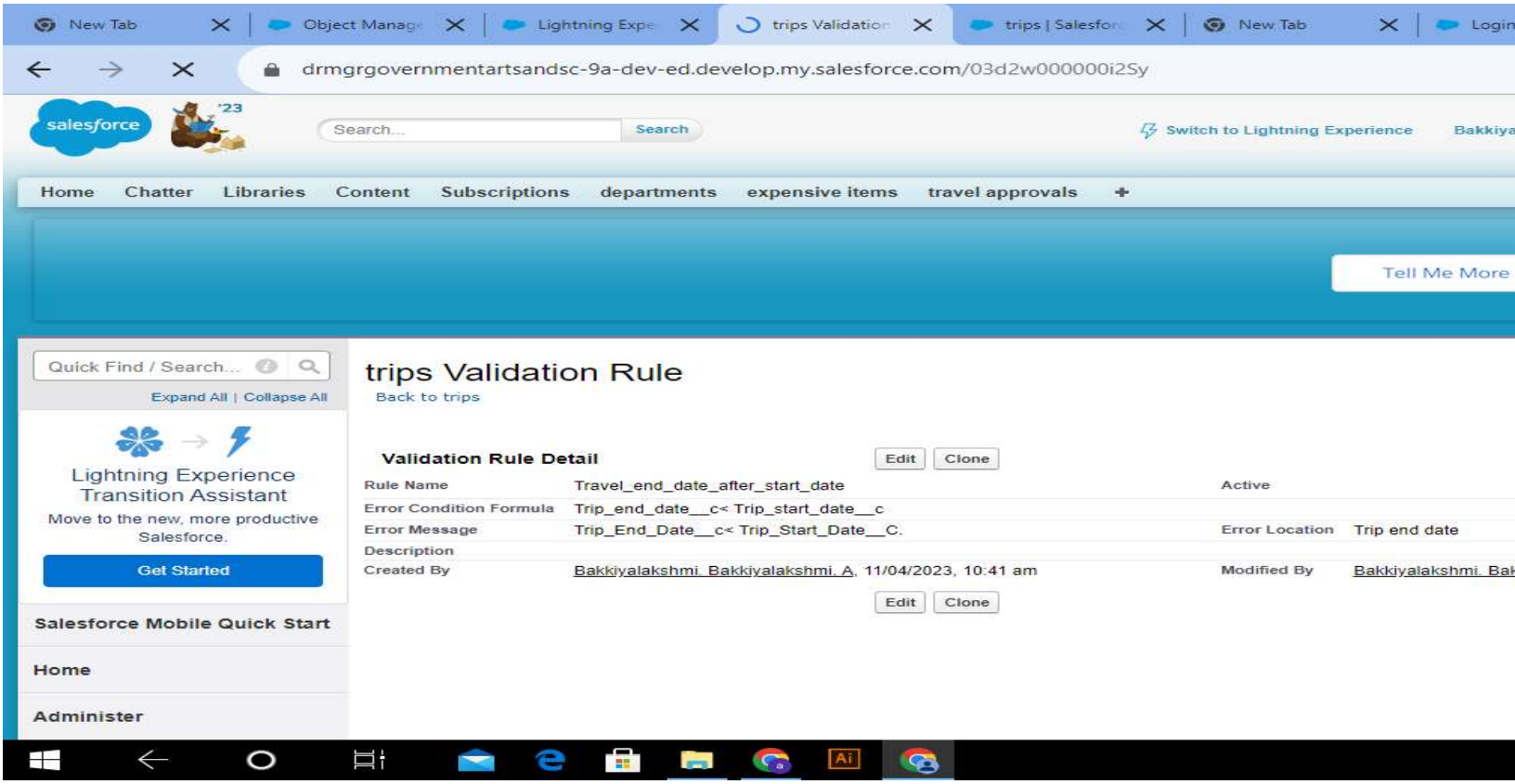
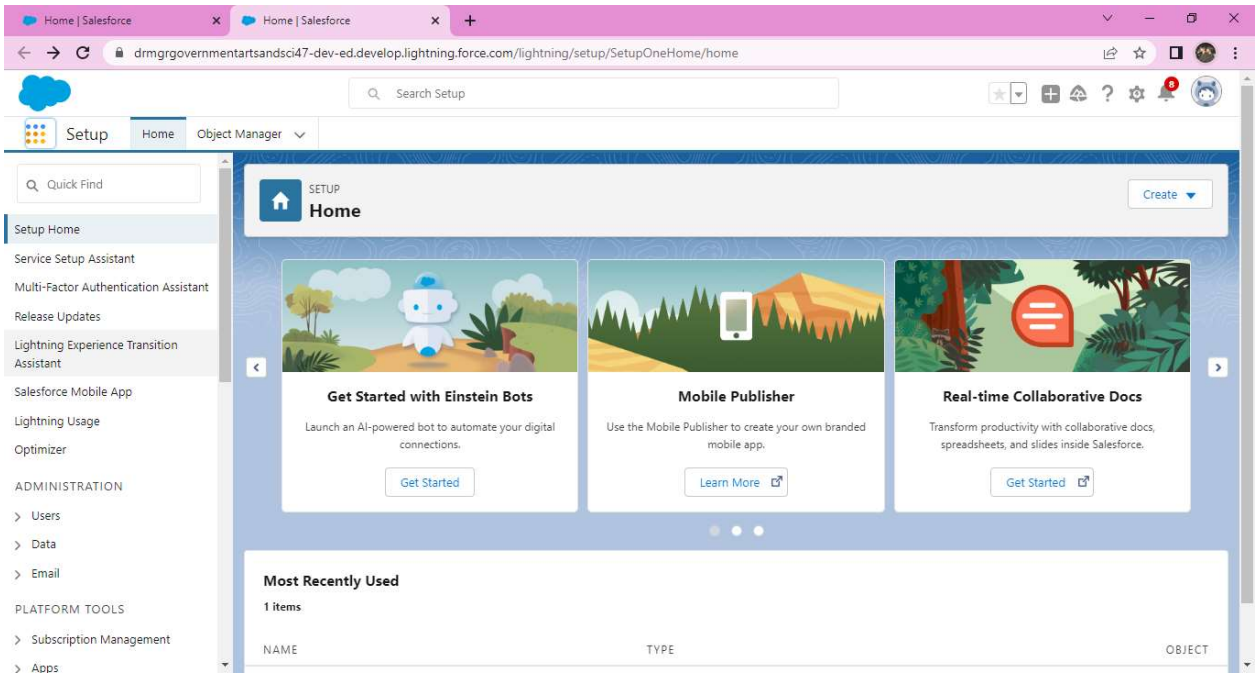
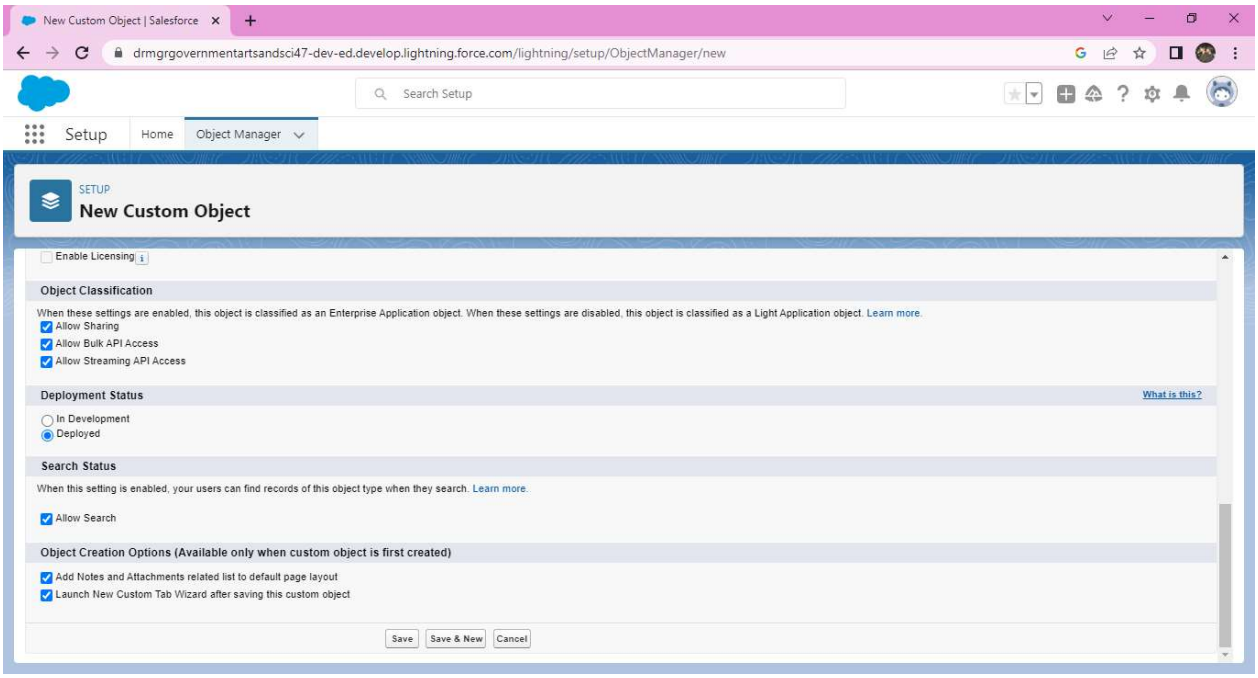
</table>

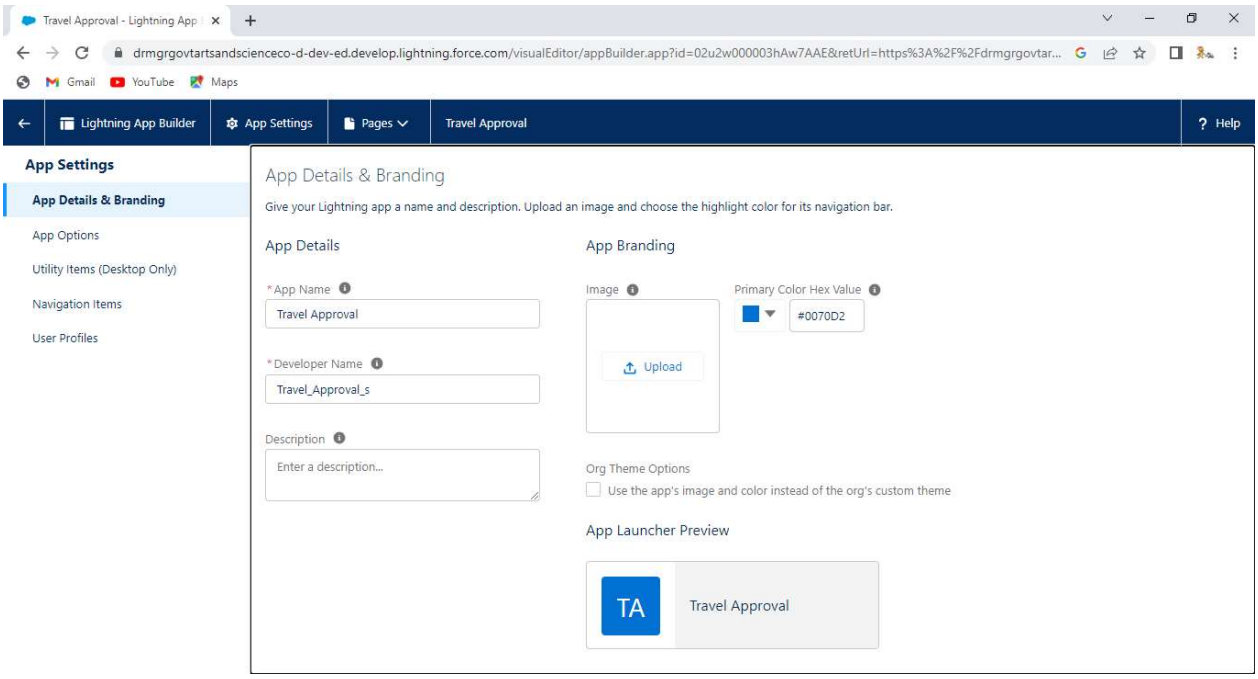
3.2 ACTIVITY AND SCREENSHOT



MILESTONES




New Custom Object | Salesforce
drmgrgovernmentartsandsci47-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/new
Search Setup
Setup
Home
Object Manager
SETUP
New Custom Object
Enable Licensing
Object Classification
When these settings are enabled, this object is classified as an Enterprise Application object. When these settings are disabled, this object is classified as a Light Application object. Learn more.
Allow Sharing
Allow Bulk API Access
Allow Streaming API Access
Deployment Status
What is this?
In Development
Deployed
Search Status
When this setting is enabled, your users can find records of this object type when they search. Learn more.
Allow Search
Object Creation Options (Available only when custom object is first created)
Add Notes and Attachments related list to default page layout
Launch New Custom Tab Wizard after saving this custom object
Save
Save & New
Cancel


Travel Approval - Lightning App
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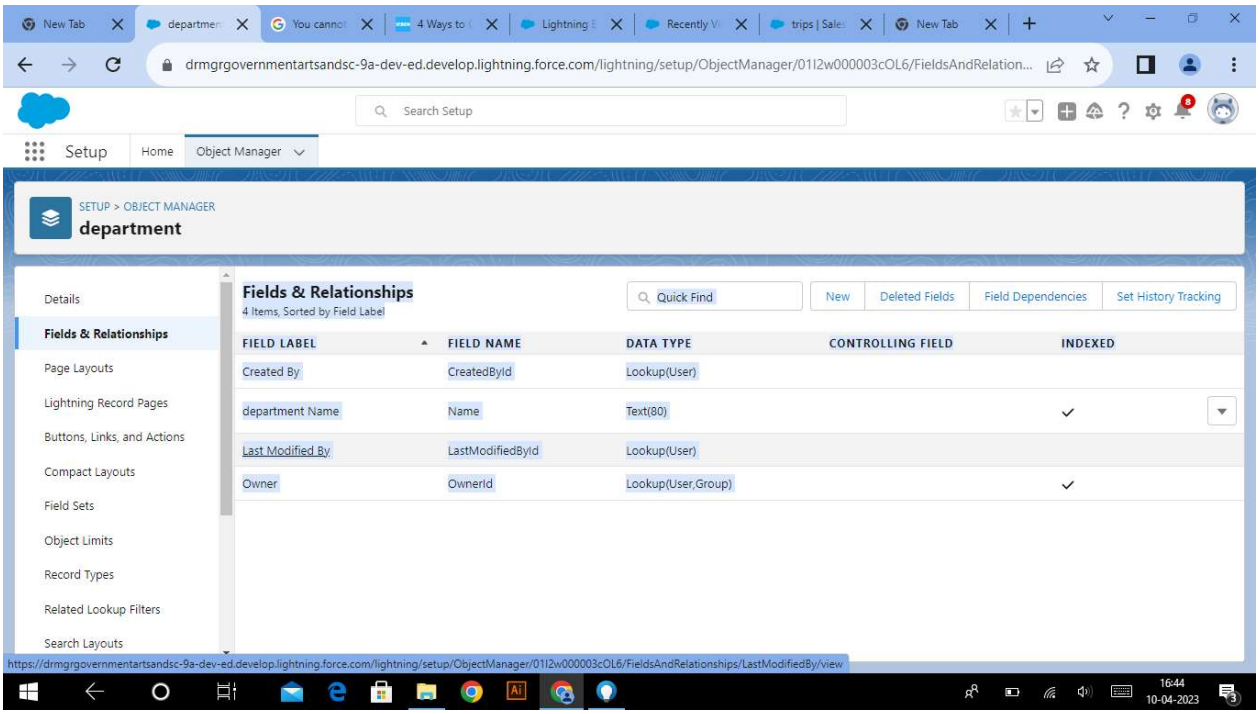
Gmail
YouTube
Maps
Lightning App Builder
App Settings
Pages
Travel Approval
Help
App Settings
App Details & Branding
App Options
Utility Items (Desktop Only)
Navigation Items
User Profiles
App Details & Branding
Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.
App Details
*App Name
Travel Approval
*Developer Name
Travel_Approval_s
Description
Enter a description...
App Branding
Image
Upload
Primary Color Hex Value
#0070D2
Org Theme Options
Use the app's image and color instead of the org's custom theme
App Launcher Preview
TA
Travel Approval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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
4 Items, Sorted by Field Label
Quick Find
New
Deleted Fields
Field Dependencies
Set History Tracking
FIELD LABEL
FIELD NAME
DATA TYPE
CONTROLLING FIELD
INDEXED
Created By
CreatedById
Lookup(User)
department Name
Name
Text(80)
Last Modified By
LastModifiedById
Lookup(User)
Owner
OwnerId
Lookup(User,Group)
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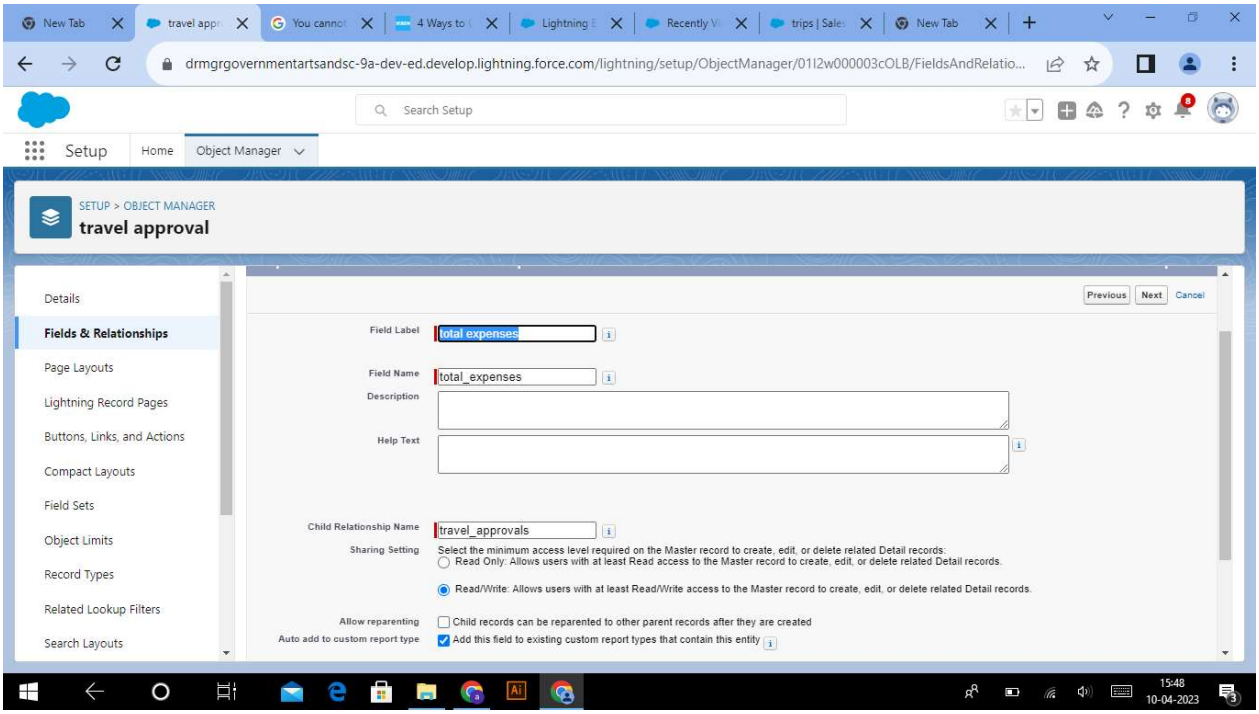
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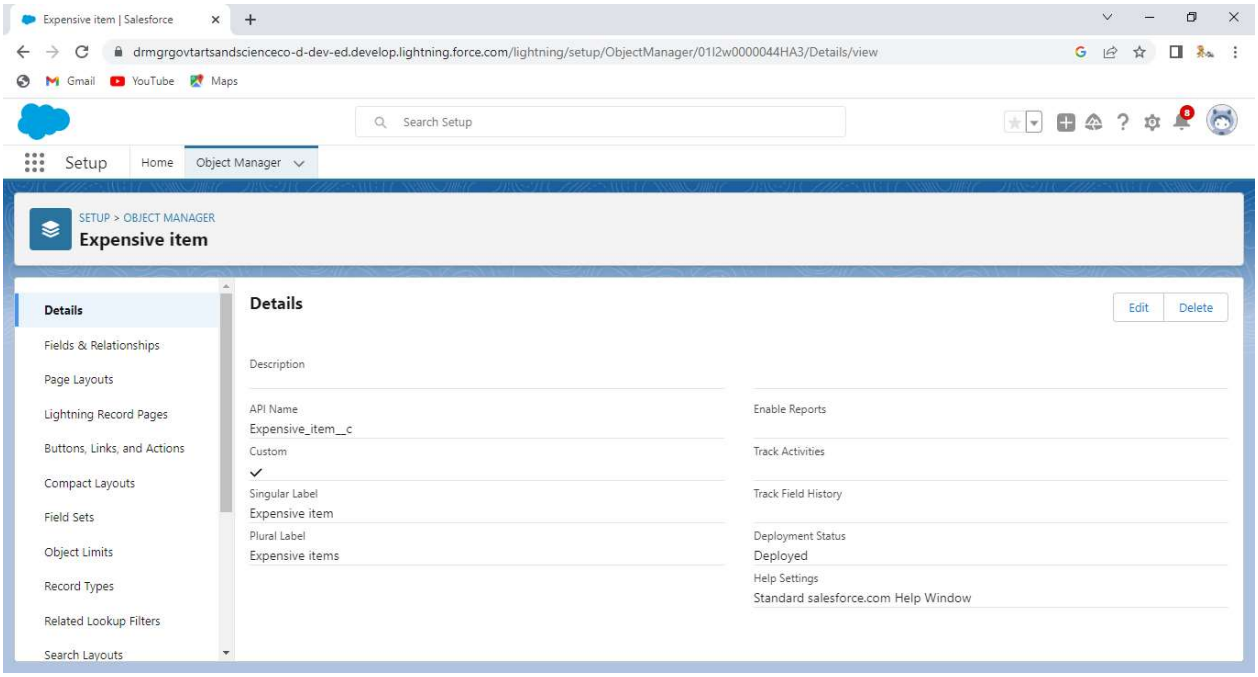
Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
travel approval
Details
Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
Previous
Next
Cancel
Field Label
total expenses
Field Name
total_expenses
Description
Help Text
Child Relationship Name
travel_approvals
Sharing Setting
Select the minimum access level required on the Master record to create, edit, or delete related Detail records:
Read Only: Allows users with at least Read access to the Master record to create, edit, or delete related Detail records.
Read/Write: Allows users with at least Read/Write access to the Master record to create, edit, or delete related Detail records.
Allow reparenting
Child records can be reparented to other parent records after they are created
Auto add to custom report type
Add this field to existing custom report types that contain this entity
15:48
10-04-2023


Expensive item | Salesforce
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Gmail
YouTube
Maps
Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
Expensive item
Details
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Page Layouts
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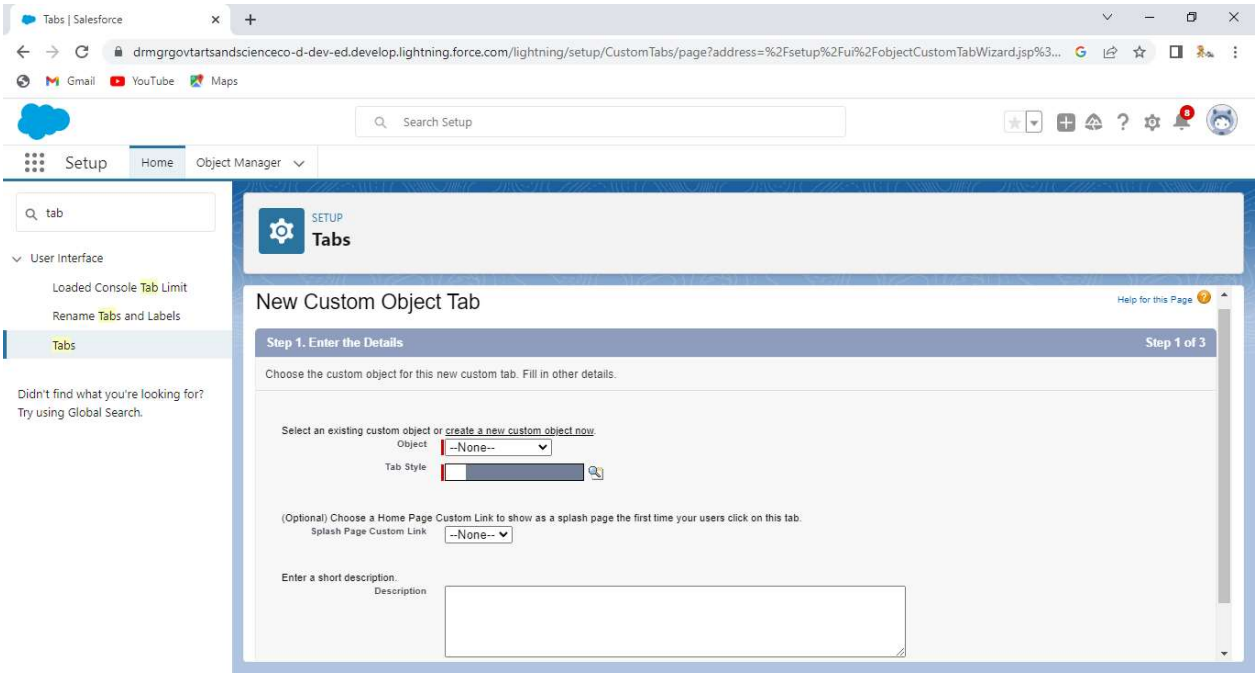
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
Details
Edit
Delete
Description
API Name
Expensive_item__c
Custom
Singular Label
Expensive item
Plural Label
Expensive items
Enable Reports
Track Activities
Track Field History
Deployment Status
Deployed
Help Settings
Standard salesforce.com Help Window


Tabs | Salesforce
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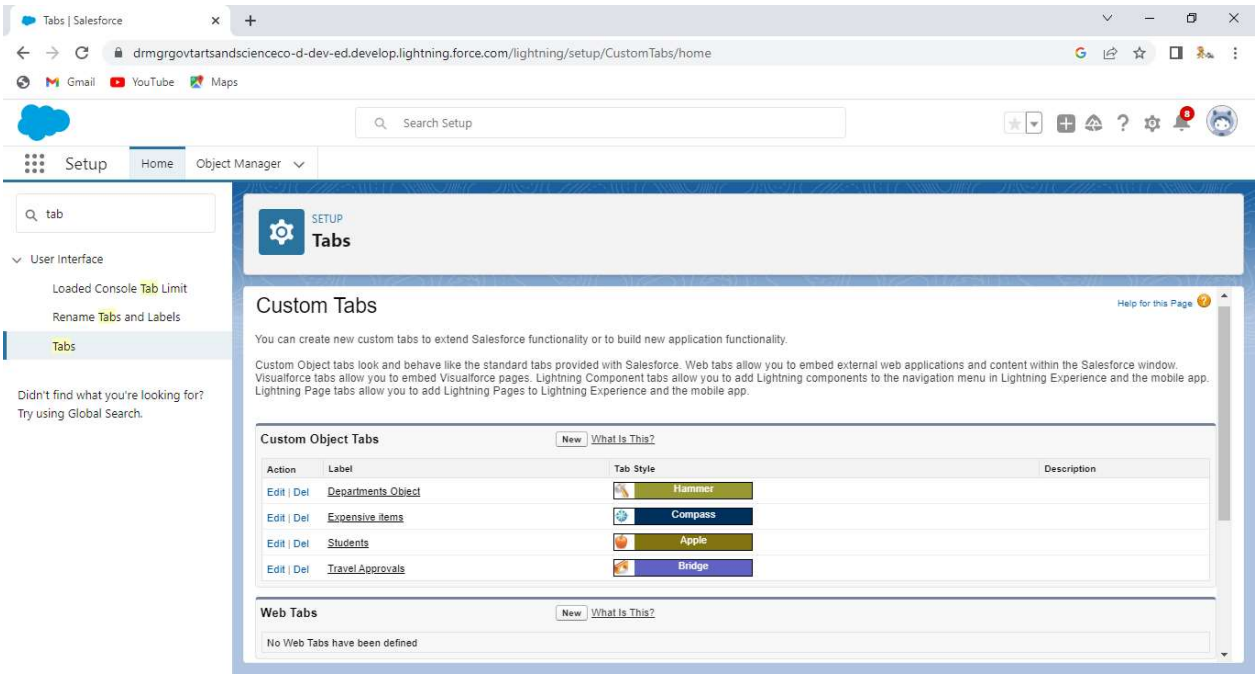
Gmail
YouTube
Maps
Search Setup
Setup
Home
Object Manager
tab
User Interface
Loaded Console Tab Limit
Rename Tabs and Labels
Tabs
Didn't find what you're looking for?
Try using Global Search.
SETUP
Tabs
New Custom Object Tab
Help for this Page
Step 1. Enter the Details
Step 1 of 3
Choose the custom object for this new custom tab. Fill in other details.
Select an existing custom object or create a new custom object now.
Object
--None--
Tab Style
(Optional) Choose a Home Page Custom Link to show as a splash page the first time your users click on this tab.
Splash Page Custom Link
--None--
Enter a short description.
Description


Tabs | Salesforce
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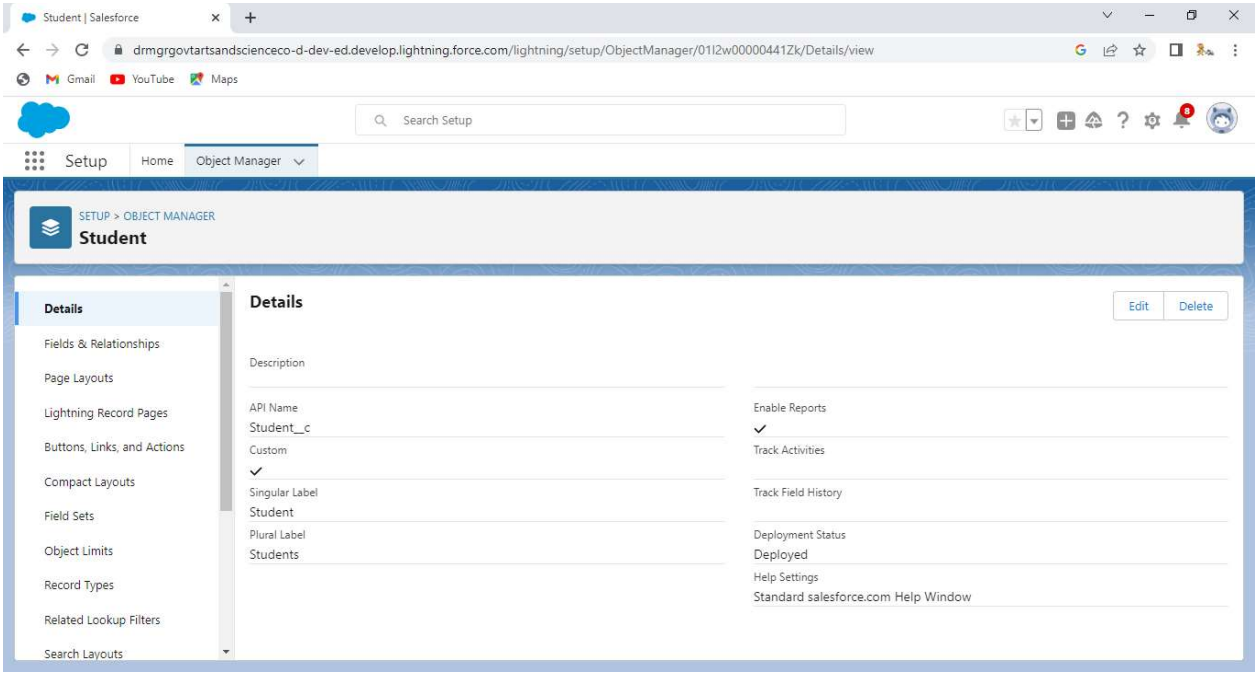
Gmail
YouTube
Maps
Search Setup
Setup
Home
Object Manager
tab
User Interface
Loaded Console Tab Limit
Rename Tabs and Labels
Tabs
Didn't find what you're looking for?
Try using Global Search.
SETUP
Tabs
Custom Tabs
Help for this Page
You can create new custom tabs to extend Salesforce functionality or to build new application functionality.
Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce window. Visualforce tabs allow you to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app. Lightning Page tabs allow you to add Lightning Pages to Lightning Experience and the mobile app.
Custom Object Tabs
New
What Is This?
Action
Label
Tab Style
Description
Edit | Del
Departments Object
Hammer
Edit | Del
Expensive items
Compass
Edit | Del
Students
Apple
Edit | Del
Travel Approvals
Bridge
Web Tabs
New
What Is This?
No Web Tabs have been defined


Student | Salesforce
drmgrgovtartsandscienceco-d-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I2w00000441Zk/Details/view
Gmail
YouTube
Maps
Search Setup
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Home
Object Manager
SETUP > OBJECT MANAGER
Student
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Fields & Relationships
Page Layouts
Lightning Record Pages
Buttons, Links, and Actions
Compact Layouts
Field Sets
Object Limits
Record Types
Related Lookup Filters
Search Layouts
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Delete
Description
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Student
Plural Label
Students
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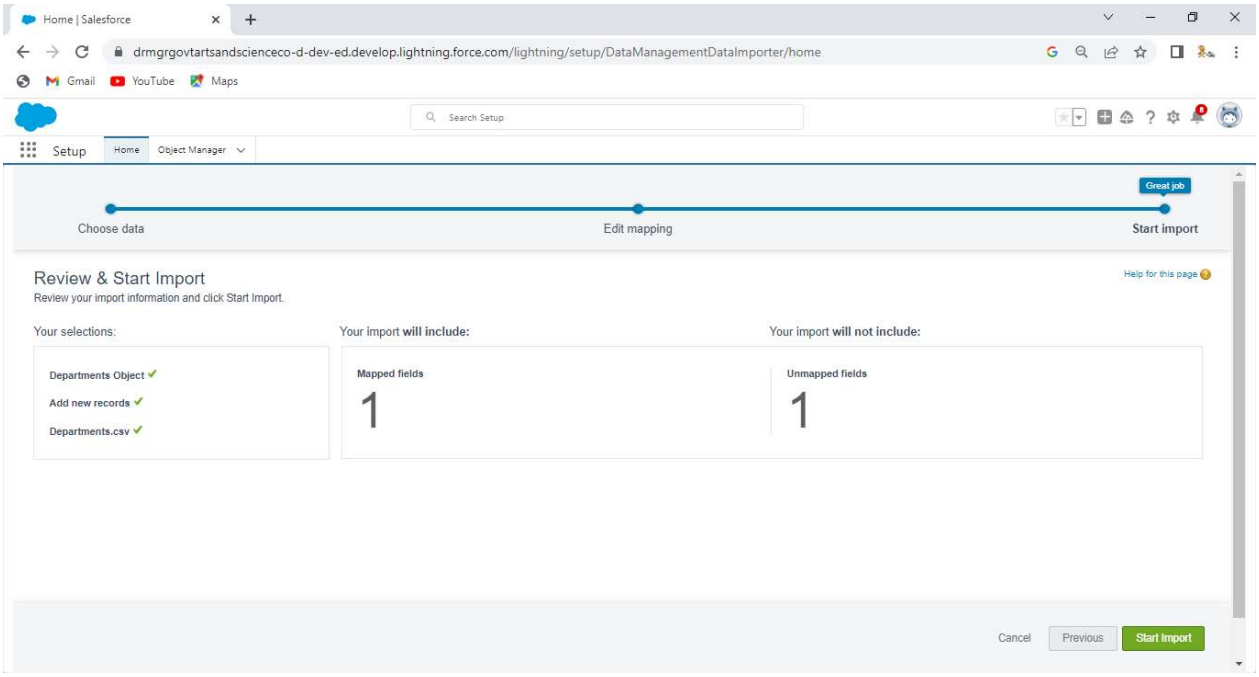
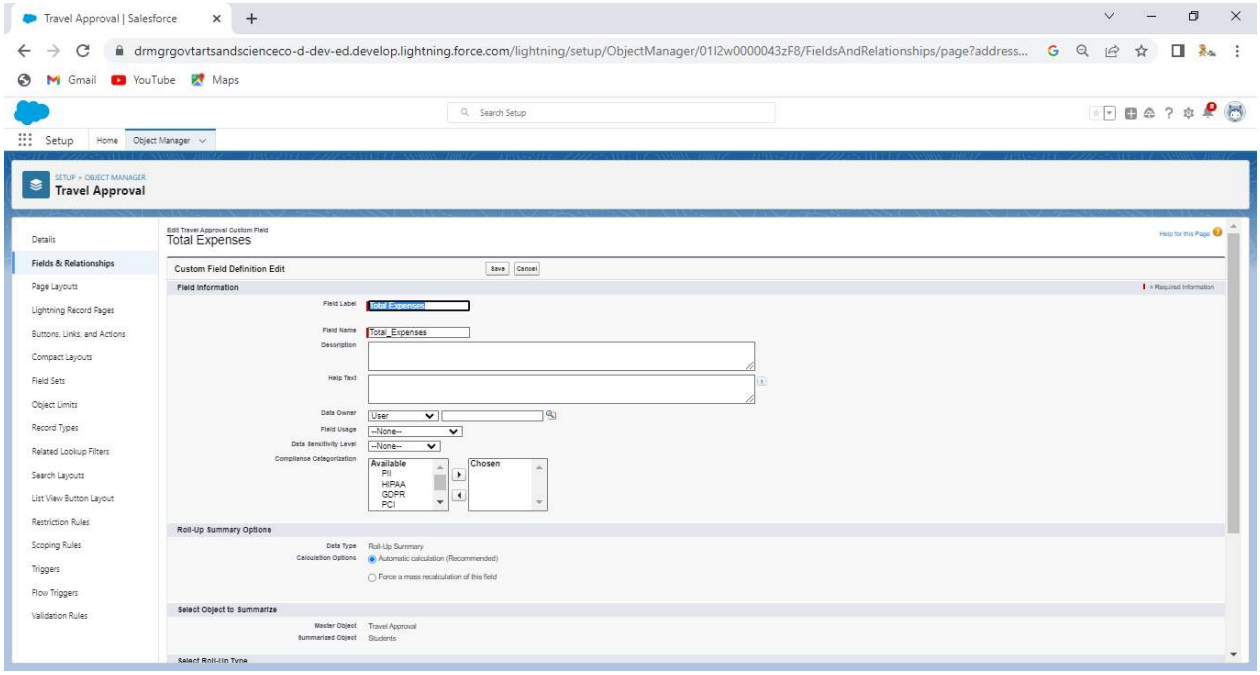
Track Activities
Track Field History
Deployment Status
Deployed
Help Settings
Standard salesforce.com Help Window


Home | Salesforce
drmgrgovtartsandscienceco-d-dev-ed.develop.lightning.force.com/lightning/setup/DataManagementDataImporter/home
Gmail
YouTube
Maps
Search Setup
Setup
Home
Object Manager
Great job
Choose data
Edit mapping
Start import
Review & Start Import
Review your import information and click Start Import.
Help for this page
Your selections:
Departments Object
Add new records
Departments.csv
Your import will include:
Mapped fields
1
Your import will not include:
Unmapped fields
1
Cancel
Previous
Start Import


Travel Approval | Salesforce
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Gmail
YouTube
Maps
Search Setup
Setup
Home
Object Manager
SETUP > OBJECT MANAGER
Travel Approval
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
Triggers
Flow Triggers
Validation Rules
Edit Travel Approval Custom Field
Total Expenses
Help for this Page
Custom Field Definition Edit
Save
Cancel
Field Information
= Required Information
Field Label
Total Expenses
Field Name
Total_Expenses
Description
Help Text
Data Owner
User
Field Usage
--None--
Data Sensitivity Level
--None--
Compliance Categorization
Available
PII
HIPAA
GDPR
PCI
Chosen
Roll-Up Summary Options
Data Type
Roll-Up Summary
Calculation Options
Automatic calculation (Recommended)
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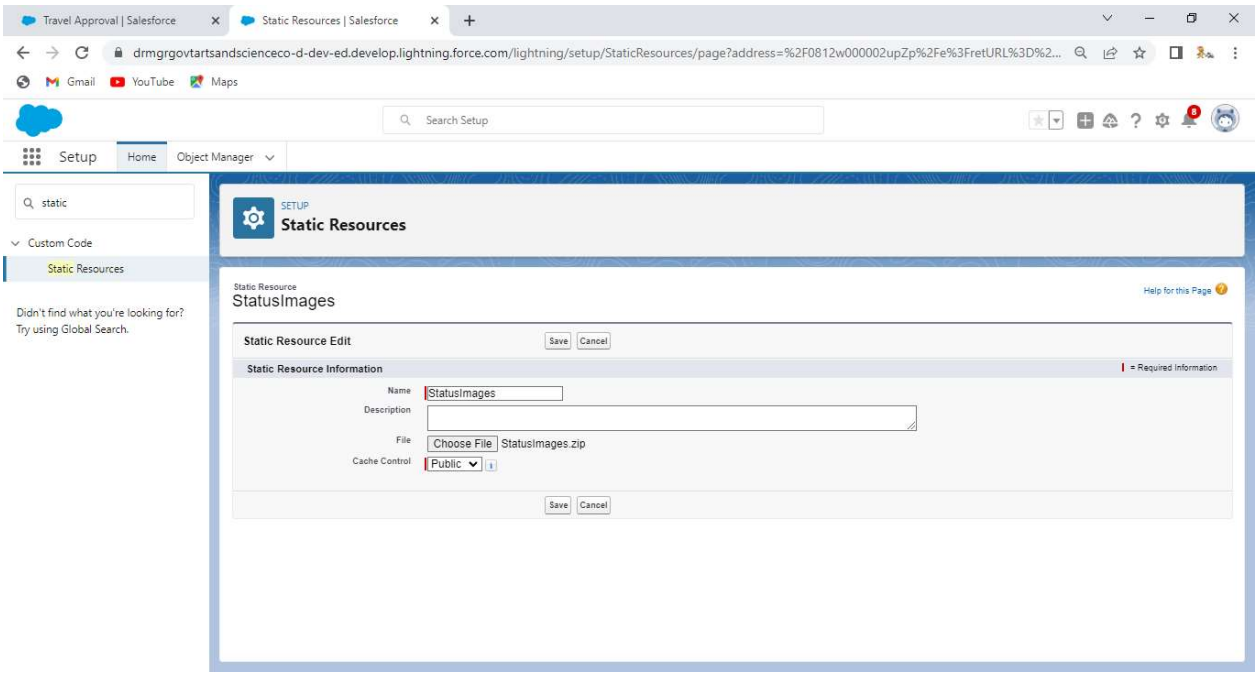
Master Object
Travel Approval
Summarized Object
Students
Select Roll-Up Type


Travel Approval | Salesforce
Static Resources | Salesforce
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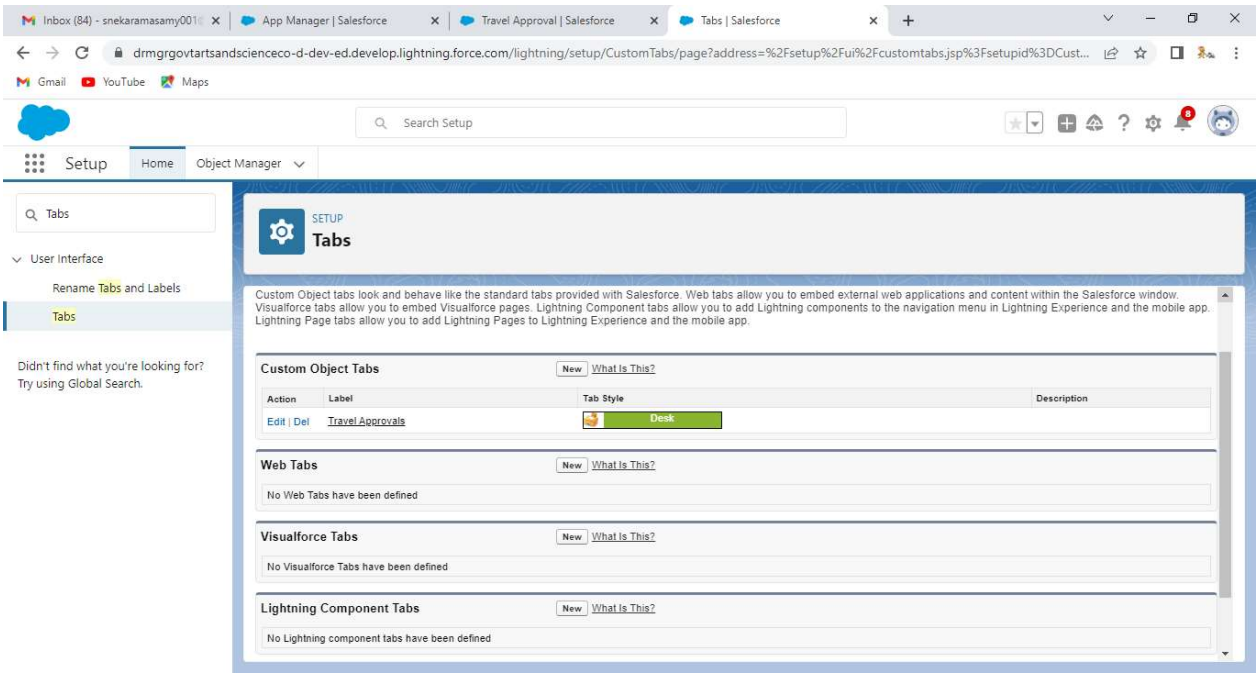
Gmail
YouTube
Maps
Search Setup
Setup
Home
Object Manager
static
Custom Code
Static Resources
Didn't find what you're looking for?
Try using Global Search.
SETUP
Static Resources
Static Resource
StatusImages
Help for this Page
Static Resource Edit
Save
Cancel
Static Resource Information
= Required Information
Name
StatusImages
Description
File
Choose File
StatusImages.zip
Cache Control
Public
Save
Cancel


Inbox (84) - snekaramasamy001
App Manager | Salesforce
Travel Approval | Salesforce
Tabs | Salesforce
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Gmail
YouTube
Maps
Search Setup
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Home
Object Manager
Tabs
User Interface
Rename Tabs and Labels
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Custom Object Tabs
New
What Is This?
Action
Label
Tab Style
Description
Edit | Del
Travel Approvals
Desk
Web Tabs
New
What Is This?
No Web Tabs have been defined
Visualforce Tabs
New
What Is This?
No Visualforce Tabs have been defined
Lightning Component Tabs
New
What Is This?
No Lightning component tabs have been defined

Traihead profile public URL

TEAM LEADER:https://trailblazer.me/id/gosri4

TEAM MEMBER 1:https://trailblazer.me/id/sjayaganth

TEAM MEMBER 2:https://trailblazer.me/id/ssupparmani

TEAM MEMBER 3 : https://trailblazer.me/id/sramasamy44

TEAM MEMBER 4: https://trailblazer.me/id/smathi104

5 ADVANTAGES AND DISADVANTAGES

Advantages and benefits of workplace travel plans. Operating a workplace travel plan can bring many benefits for your business and your staff. In particular, it will save your business money and reduce the impact it has on the environment eg by reducing CO2 emissions.

METHOD	ADVANTAGES	DISADVANTAGES
Internal recruitment	A quick process Applicants will alread…	Usually a small pool of applic…
External recruitment	May bring new ideas into the busines…	Takes time to settle into the b…
Recruitment agencies	Find high quality applicants Often a ...	Can be expensive to use Ma…
Media selection	Can be either cheap or expensive Ca…	Potential applicants may not …

6 APPLICATIONS:

- providing travel
- reimbursing travel
- accommodation (if your employee needs to stay away overnight)
- meals and other ‘subsistence’ while travelling

7 CONCLUSION:

Travel motivates are the energizer of action, they are diverse and multifaceted. Consequently, a range of researches and approaches may provide conflicting answers given that the behavior of tourists in pre,during and post travel are varied. No simple explanation about why people take vacation,thus it is a process of understanding the psychology of tourist based upon the W’s and H questions – who,what, where, when,why and how.
Different types of tourist can have different characteristic.

8 FUTURE SCOPE:

This may include extended project work, shorter-term commuting arrangements and business travel. Naturally the scope varies from organisation to organisation depending on a number of factors, e.g. risk appetite, maturity of the program, existing business traveller processes and technology.