

# **NAN MUDALVAN SMARTINTENZ PROJECT**

**TITLE:    BUILD AN EMPLOYEE TRAVEL  
APPROVAL APPLICATION FOR  
CORPORATES**

**TEAM LEADER**

**R. GANANSOWNTHIRI**

**TEAM MEMBERS:**

**M. GOPIKRISHNA**

**M. KARPAGAMOORTHY**

**K. KALIMUTHU**

**1. INTRODUCTION**

## **1.1. Over view**

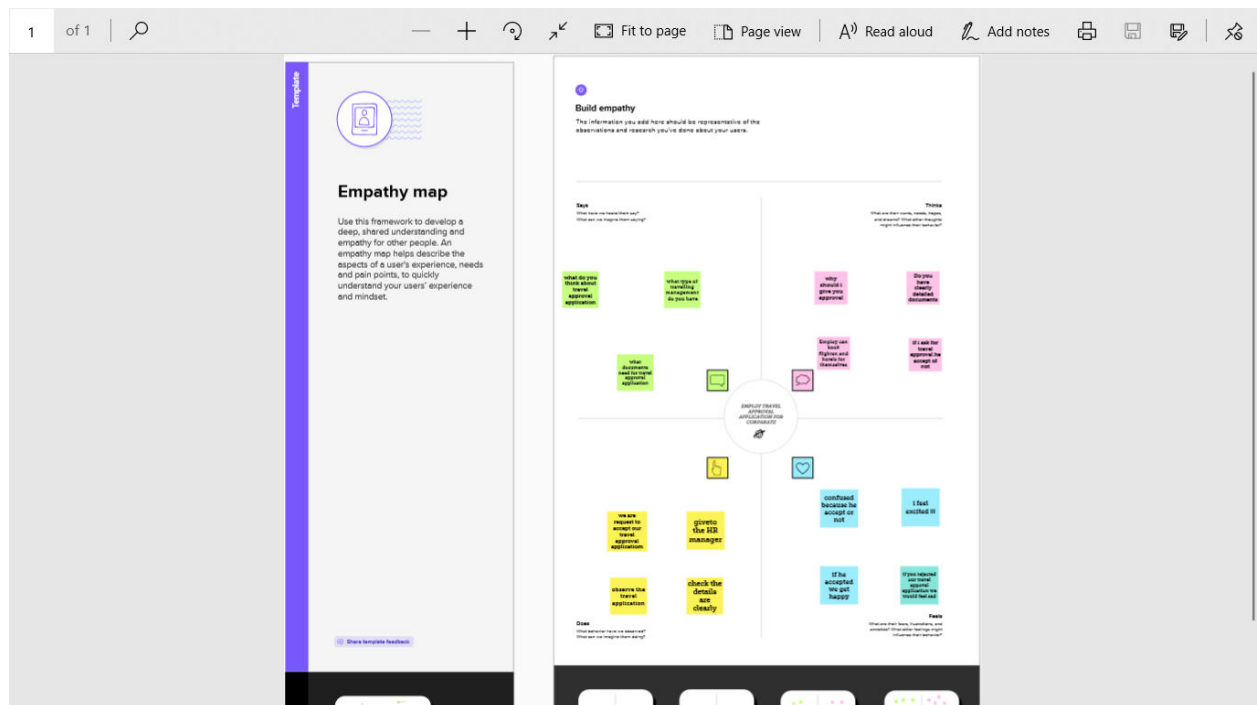
**The project aim is to provide real time knowledge for all the students who have basic knowledge of Salesforce and looking for a real time project. This project will also help those professionals who are in cross technology and want to switch to Salesforce. With the help of this project they will gain knowledge and can include it into their resume as well.**

## **1.2. Purpose**

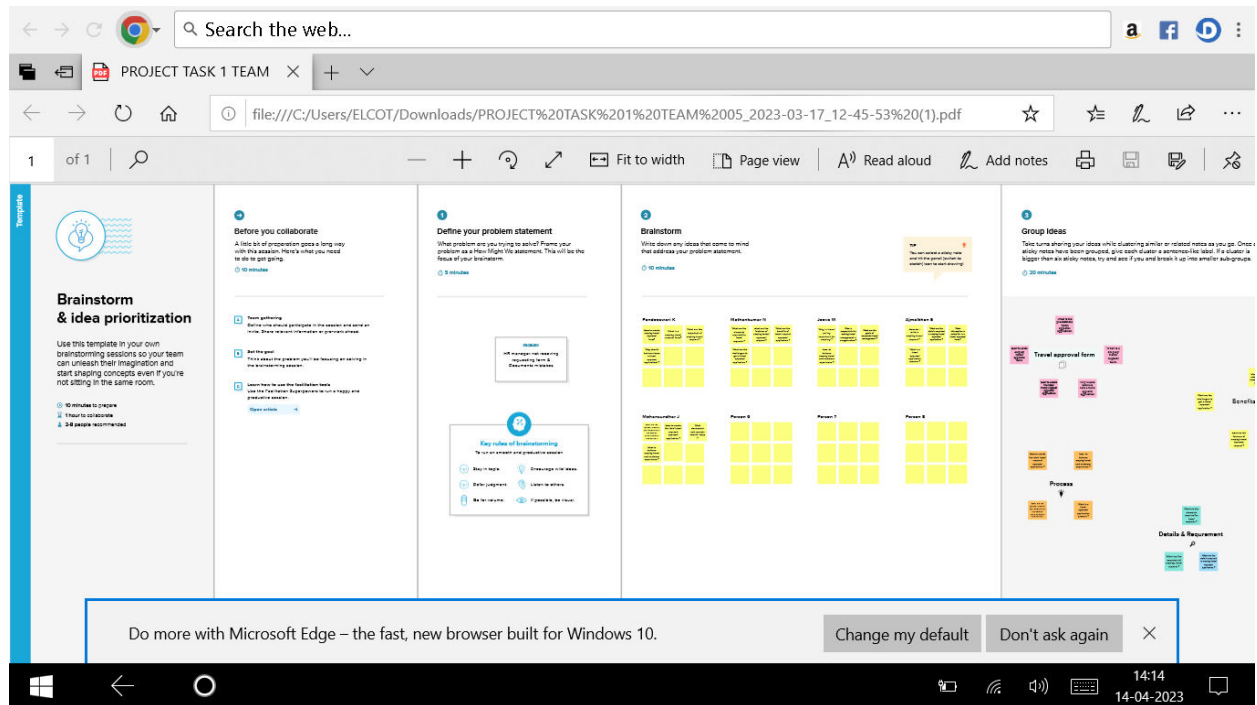
- Need for trip**
- Request trip**
- Plan and book trip**
- Trip**
- Add new trip facts**
- Settle trip**
- Taxation via payroll**
- Financial accounting**

## 2. Problem definition & design thinking

### 2.1 Empathy map



### 2.2 Brainstorming map



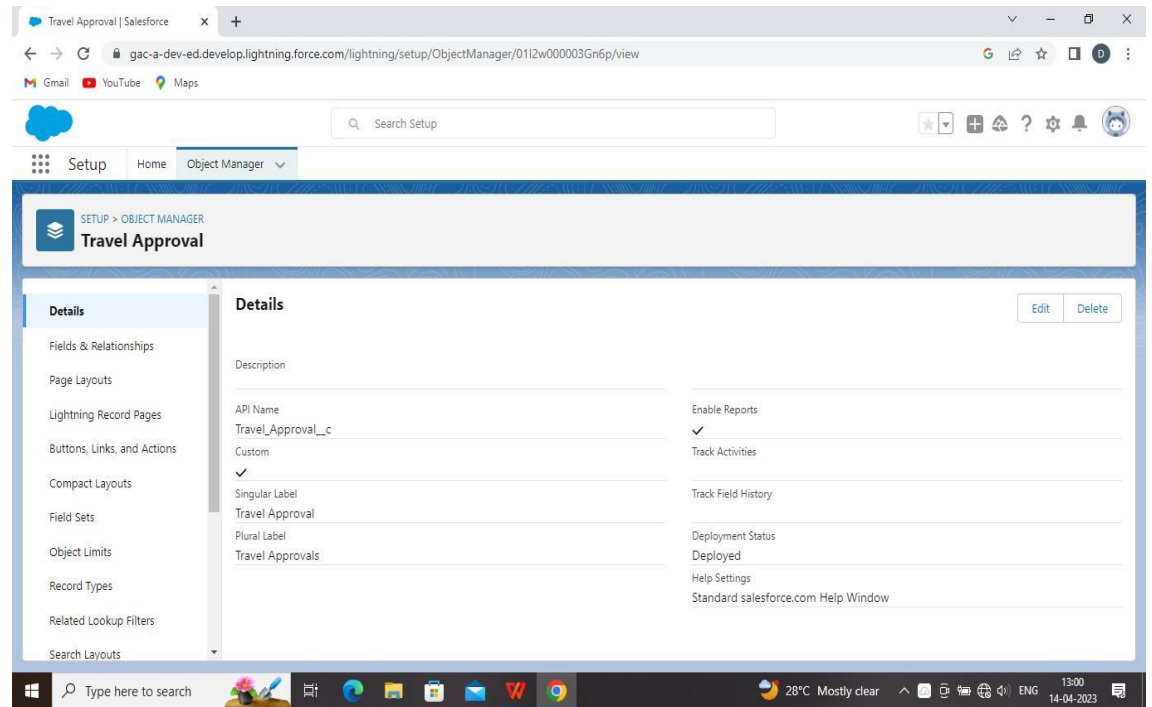
### 3. Result

#### 3.1. Data Model

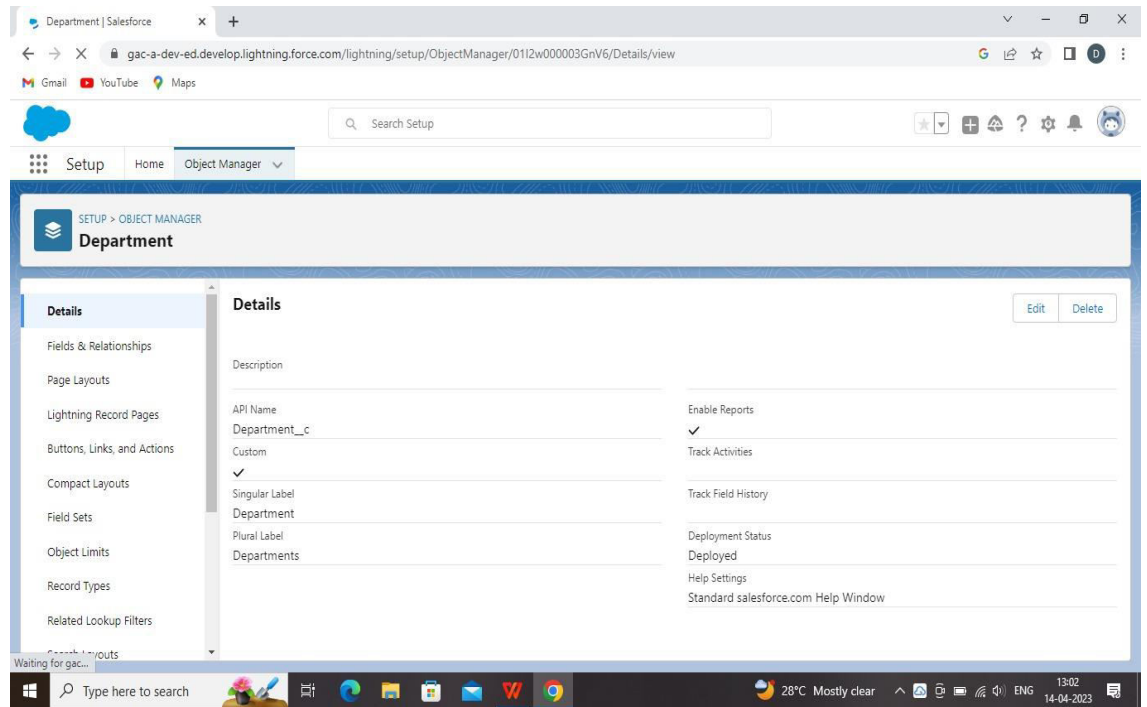
In this TRAVEL APPROVAL APPLICATION PROJECT , we created three objects viz., TRAVEL APPROVAL, DEPARTMENT, EXPENSE ITEM. And we had create field label and data along with this objects and also we create specific icons for this objects. We enclosed the

screenshots of objects we created such as follows.

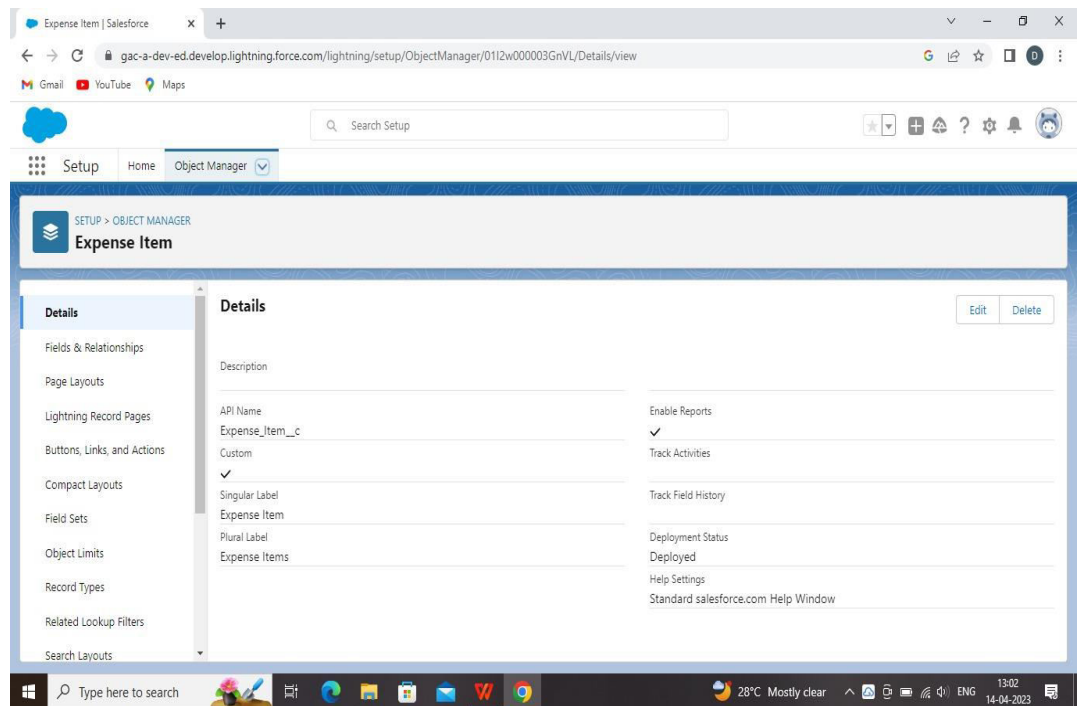
## OBJECT NAME: TRAVEL APPROVAL



## OBJECT NAME: DEPARTMENT



## OBJECT NAME: EXPENSE ITEM

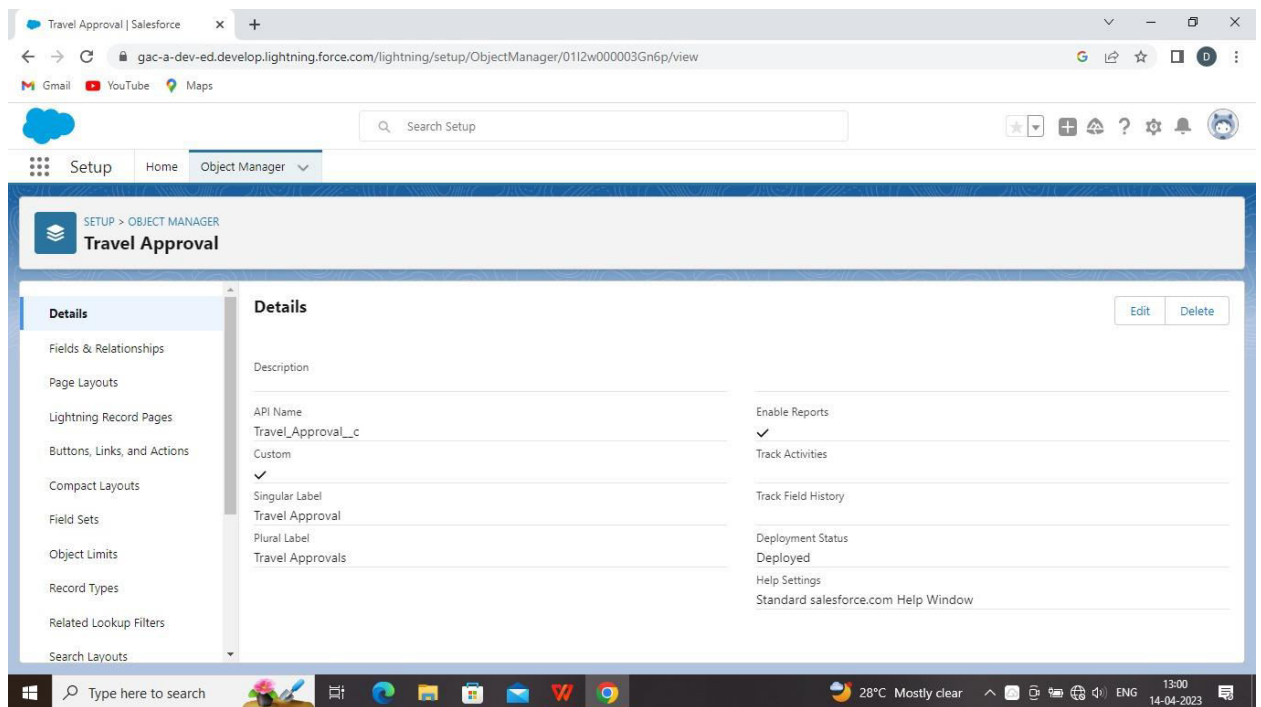


OBJECT NAME	FIELDS IN THE OBJECT	
TRAVEL APPROVAL	FIELD NAME	DATA TYPE
	1. Amount	Currency (16,2)
	2. Created by	Lookup(user)
	3. Department	Master-Detail (Department)
	4. Destination of state	Geolocation
	5. Last modified By	Lookup(user)
	6. Out Of State	Geolocation
	7. Purpose of Trip	Text (16) (Unique Case Insensitive)
	8. Out of State	Geolocation
	9. Purpose of Trip	Text (16) (Unique Case Insensitive)
	10. Status indicator	Formula (text)
	11. Trip Approval#	Auto Number
	12. Trip End Date	Data/Time
	13. Trip Start date	Data/Time
	14. Values	Picklist
DEPARTMENT	FIELD NAME	DATA TYPE
	1.Created By	Lookup(user)
	2.Department#	Auto Number
	3.Last Modified By	Lookup(user)
	4.Owner	Lookup (user, Group)
	5.Total Expenses	Roll-Up Summary (SUM Travel approval)
EXPENSES ITEM	FIELD NAME	DATA TYPE
	1.Created By	Lookup(user)
	2.Expense item #	Auto Number
	3.Last Modified By	Lookup(user)
	4.Owner	Lookup (user, Group)

## 3.2. ACTIVITY & SCREENSHOT

### 1. OBJECT

## ACTIVITY 1: TRAVEL APPROVAL



## ACTIVITY 2: DEPARTMENT



Department | Salesforce

gac-a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000003GnV6/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER  
**Department**

**Details** Edit Delete

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

Details

Description

API Name  
Department\_\_c

Custom  
✓

Singular Label  
Department

Plural Label  
Departments

Enable Reports  
✓

Track Activities

Track Field History

Deployment Status  
Deployed

Help Settings  
Standard salesforce.com Help Window

Waiting for gac...

Type here to search

28°C Mostly clear

13:02  
14-04-2023

## ACTIVITY 3:

# EXPENSE ITEM

Expense Item | Salesforce

gac-a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000003GnVL/Details/view

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER  
**Expense Item**

**Details** Edit Delete

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

Details

Description

API Name  
Expense\_Item\_\_c

Custom  
✓

Singular Label  
Expense Item

Plural Label  
Expense Items

Enable Reports  
✓

Track Activities

Track Field History

Deployment Status  
Deployed

Help Settings  
Standard salesforce.com Help Window

Type here to search

28°C Mostly clear

13:02  
14-04-2023

## 2. LIGHTNING APP

The screenshot shows the Salesforce Lightning App Setup page for the 'Travel Approval' app. The left sidebar contains a navigation menu with the following items: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Field Travel Approval #' and includes a description: 'The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.' Below this, there is a form with the following fields: 'Record Name' (text input with value 'Travel Approval #', example 'Account Name'), 'Data Type' (dropdown menu with value 'Auto Number'), and 'Display Format' (text input with value 'TA-{00000}', example 'A-{0000} What is This?'). There are 'Save' and 'Cancel' buttons at the bottom of the form. On the right side, there is a 'Recent Accounts' table with columns 'Account Name' and 'City'. The table contains the following data: 'Acme' (New York), 'Global Media' (Toronto), and 'salesforce.com' (San Francisco). The top of the page shows the 'Setup' tab and a search bar. The bottom of the page shows the Windows taskbar with the search bar and various application icons.

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

Field  
Travel Approval #

The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Record Name: Travel Approval #  
Example: Account Name

Data Type: Auto Number

Display Format: TA-{00000}  
Example: A-{0000} What is This?

Save Cancel

Recent Accounts

Account Name	City
Acme	New York
Global Media	Toronto
salesforce.com	San Francisco

## 3. FIELDS & RELATIONSHIP

The screenshot shows the Salesforce Lightning App Setup page for the 'Travel Approval' app. The left sidebar contains a navigation menu with the following items: Details, Fields & Relationships (selected), Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The main content area is titled 'Field Travel Approval #' and includes a description: 'The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.' Below this, there is a form with the following fields: 'Record Name' (text input with value 'Travel Approval #', example 'Account Name'), 'Data Type' (dropdown menu with value 'Auto Number'), and 'Display Format' (text input with value 'TA-{00000}', example 'A-{0000} What is This?'). There are 'Save' and 'Cancel' buttons at the bottom of the form. On the right side, there is a 'Recent Accounts' table with columns 'Account Name' and 'City'. The table contains the following data: 'Acme' (New York), 'Global Media' (Toronto), and 'salesforce.com' (San Francisco). The top of the page shows the 'Setup' tab and a search bar. The bottom of the page shows the Windows taskbar with the search bar and various application icons.

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

Field  
Travel Approval #

The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Record Name: Travel Approval #  
Example: Account Name

Data Type: Auto Number

Display Format: TA-{00000}  
Example: A-{0000} What is This?

Save Cancel

Recent Accounts

Account Name	City
Acme	New York
Global Media	Toronto
salesforce.com	San Francisco

Travel Approval | Salesforce

WhatsApp

gac-a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000003Gn6p/FieldsAndRelationships/view

GmailYouTubeMaps

Search Setup

StarAddHelpSettingsNotificationsAvatar

SetupHomeObject 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

Fields & Relationships

12 Items, Sorted by Field Label

Quick Find

NewDeleted FieldsField DependenciesSet History Tracking

FIELD LABEL	FIELD NAME	DATA TYPE	CONTROLLING FIELD	INDEXED
Amount	Amount__c	Currency(16, 2)		
Created By	CreatedById	Lookup(User)		
Department	Department__c	Master-Detail(Department)		✓
Destination State	Destination_State__c	Geolocation		
Last Modified By	LastModifiedById	Lookup(User)		
Out Of State	Out_Of_State__c	Geolocation		
Purpose Of Trip	Purpose_Of_Trip__c	Text(16) (Unique Case Insensitive)		✓

Type here to search

27°C Clear

13:58

14-04-2023

Department | Salesforce

WhatsApp

gac-a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000003GnV6/FieldsAndRelationships/view

GmailYouTubeMaps

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Department

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

5 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	Auto Number		✓
Last Modified By	LastModifiedById	Lookup(User)		
Owner	OwnerId	Lookup(User,Group)		✓
Total Expenses	Total_Expenses__c	Roll-Up Summary (SUM Travel Approval)		

Department | Salesforce

WhatsApp

gac-a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000003GnV6/FieldsAndRelationships/page?address=%2Fp%2Fsetup%2Fcustent%2FCu...

GmailYouTubeMaps

Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Department

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

Field

Department #

Help for this Page

The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Record Name

Department #

Example: Account Name

Data Type

Auto Number

Display Format

TA-000000

Example: A-000000 What is This?

Save

Cancel

Recent Accounts

Account Name	City
Acme	New York
Global Media	Toronto
salesforce.com	San Francisco

Expense Item | Salesforce x WhatsApp x +

gac-a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000003GnVL/FieldsAndRelationships/page?address=%2Fp%2Fsetup%2Fcustent%2FCu...

Gmail YouTube Maps

Search Setup

Setup Home Object Manager

SETUP > OBJECT MANAGER

### Expense Item

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

#### Field Expense Item #

The Record Name appears in page layouts, key lists, related lists, lookups, and search results. For example, the Record Name for Account is "Account Name" and for Case it is "Case Number". Note that the Record Name field is always called "Name" when referenced via the API.

Record Name: Expense Item #  
Example: Account Name

Data Type: Auto Number

Display Format: TA-00000  
Example: A-00000 What is This?

Save Cancel

Account Name	City
Acme	New York
Global Media	Toronto
salesforce.com	San Francisco

## 4. IMPORT DATA

ick Find

me

etup Assistant

tor Authentication Assistant

lpdates

Experience Transition Assistant

e Mobile App

Usage

STRATION

RM TOOLS

ription Management

e Settings

oft

in

ts and Fields

bject Manager

cklist Value Sets

chema Builder

s

ss Automation

nterface

m Code

xpment

mance

nments

sploy

obs

Apex Flex Queue

Apex Jobs

Background Jobs

Bulk Data Load Jobs

Scheduled Jobs

igs

onitoring

rstem Overview

ngagement

ations

pi

range Data Capture

ata Import Wizard

ata Loader



SETUP

## Bulk Data Load Jobs

Bulk Data Load Job:

7502w00000PTUwb

[Help for this Page](#)

View the details of a bulk data load job.

[Back to List: Bulk Data Load Jobs](#)

### Bulk Data Load Job Detail

[Abort](#)

[Reload](#)

Job ID	7502w00000PTUwb	Job Type	Bulk V1	Status	Closed
Submitted By	<a href="#">Gopi.krishna</a>	Operation	Insert	Total Processing Time (ms)	0
Start Time	06/04/2023, 12:40 am IST	Queued Batches	1	API Active Processing Time (ms)	0
End Time		In Progress Batches	0	Apex Processing Time (ms)	0
Time to Complete (hh:mm:ss)		Completed Batches	0		
Object	Travel Approval	Failed Batches	0		
External ID Field		Progress	0%		
Content Type	CSV	Records Processed	0		
Concurrency Mode	Parallel	Records Failed	0		
API Version	57.0	Retries	0		

[Abort](#)

[Reload](#)

### Batches

View Request	View Result	Batch ID	Start Time	End Time	Total Processing Time (ms)	API Active Processing Time (ms)	Apex Processing Time (ms)	Records Processed	Rec
<a href="#">View Request</a>		7512w00000VAwq0	06/04/2023, 12:40 am		0	0	0	0	



## 5. USERS

The screenshot shows the Salesforce Setup page for Users. The left sidebar contains a navigation menu with options like Permission Set Groups, Permission Sets, Profiles, Public Groups, Queues, Roles, User Management Settings, and Users. The main content area is titled "All Users" and includes a table of users. The table has columns for Action, Full Name, Alias, Username, Role, Active, and Profile. The users listed are Chatter Expert, Krishna Gopi, Krishna Gopi, User Integration, and User Security. The bottom of the page shows a Windows taskbar with various application icons and system information.

Action	Full Name	Alias	Username	Role	Active	Profile
<a href="#">Edit</a>	Chatter Expert	Chatter	chatter_00d2w00000yvqbean.mppjvntt@chatter.salesforce.com		✓	Chatter Free User
<a href="#">Edit</a>	krishna Gopi	Gkris	gopikrishna@physicsudt.com		✓	System Administrator
<a href="#">Edit</a>	krishna Gopi	gopgi	ymokiekriah@gmail.com	CEO	✓	System Administrator
<a href="#">Edit</a>	User Integration	integ	integration@00d2w00000yvqbean.com		✓	Analytics Cloud Integration User
<a href="#">Edit</a>	User Security	sec	insightssecurity@00d2w00000yvqbean.com		✓	Analytics Cloud Security User

## 6. USER CUSTOMIZATION

The screenshot shows the Salesforce Setup page for User Customization. The left sidebar is the same as in the previous screenshot. The main content area is titled "User: Gopi krishna" and includes a "User Detail" section. This section contains a table of user details and a list of roles. The user details include Name, Alias, Email, Username, Nickname, Title, Company, Department, Division, Address, Time Zone, and Locale. The roles listed are Salesforce, System Administrator, Marketing User, Offline User, Knowledge User, Flow User, Service Cloud User, Site.com Contributor User, Site.com Publisher User, and WDC User.

Name	Alias	Email	Username	Nickname	Title	Company	Department	Division	Address	Time Zone	Locale
Gopi krishna	Gkris	ymokiekriah@gmail.com	gopikrishna@physicsudt.com	User18768695325169761865		GAC			IN	(GMT+05:30) India Standard Time (Asia/Kolkata)	English (India)

Role	Active
Salesforce	✓
System Administrator	✓
Marketing User	✓
Offline User	✓
Knowledge User	✓
Flow User	✓
Service Cloud User	✓
Site.com Contributor User	✓
Site.com Publisher User	✓
WDC User	✓

Recently Viewed | Travel Approvals | Users | Salesforce | WhatsApp

gac-a-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F0052w00000ElvVAAZ%3FnoRedirect%3D1%26isUserEntityOverride%3D1

Gmail YouTube Maps

Search Setup

Setup Home Object Manager

users

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Queues

Roles

User Management Settings

Users

Feature Settings

Data.com

Prospector Users

Didn't find what you're looking for?  
Try using Global Search.

SETUP

Users

Locale	English (India)	Mobile Push Registrations	View
Language	English	Data.com User Type	
Delegated Approver		Accessibility Mode (Classic Only)	
Manager		Debug Mode	
Receive Approval Request Emails	Only if I am an approver	High-Contrast Palette on Charts	
Federation ID		Load Lightning Pages While Scrolling	
App Registration: One-Time Password Authenticator	(Connect)	Send Apex Warning Emails	
App Registration: Salesforce Authenticator	(Connect)	Salesforce CRM Content User	
Security Key (U2F or WebAuthn)		Receive Salesforce CRM Content Email Alerts	
Lightning Login	(Enroll)	Receive Salesforce CRM Content Alerts as Daily Digest	
Temporary Verification Code (Expires in 1 to 24 Hours)	(Generate)	Make Setup My Default Landing Page	
		Quick Access Menu	
		Development Mode	
		Show View State in Development Mode	
		Cache Diagnostics	
		Allow Forecasting	

Type here to search

27°C Clear 14:55 14-04-2023



Recently Viewed | Travel Approvals | Users | Salesforce | WhatsApp

gac-a-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F0052w00000ElvVAAZ%3FnoRedirect%3D1%26isUserEntityOverride%3D1

Search Setup

Setup Home Object Manager

users

Users

- Permission Set Groups
- Permission Sets
- Profiles
- Public Groups
- Queues
- Roles
- User Management Settings
- Users

Feature Settings

- Data.com
- Prospector Users

Didn't find what you're looking for? Try using Global Search.

SETUP Users

Allow Forecasting ☒

Call Center

Phone

Extension

Fax

Mobile +91 6374461600 [\[Change\]](#)

Email Encoding Unicode (UTF-8)

Employee Number

Start of day 6:00 am

End of day 11:00 pm

Used Data Space 278 KB [\[View\]](#)

Used File Space 0 B [\[View\]](#)

Last Login 15/04/2023, 2:58 am

Last Password Change or Reset 20/02/2023, 10:46 am

Failed Login Attempts 0 [\[i\]](#)

Individual

Created By Gopi.krishna 20/02/2023, 10:35 am

Modified By Gopi.krishna 10/03/2023, 9:58 am

[Edit](#) [Sharing](#) [Change Password](#)

Permission Set Assignments [Edit Assignments](#) [Permission Set Assignments Help](#)

Windows Taskbar: Type here to search, 27°C Clear, 14:55 14-04-2023

Recently Viewed | Travel Approvals | Users | Salesforce | WhatsApp

gac-a-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F0052w00000ElvVAAZ%3FnoRedirect%3D1%26isUserEntityOverride%3D1

Search Setup

Setup Home Object Manager

users

Users

- Permission Set Groups
- Permission Sets
- Profiles
- Public Groups
- Queues
- Roles
- User Management Settings
- Users

Feature Settings

- Data.com
- Prospector Users

Didn't find what you're looking for? Try using Global Search.

SETUP Users

Permission Set Assignments [Edit Assignments](#) [Permission Set Assignments Help](#)

Action	Permission Set Label	Date Assigned	Expires On
<a href="#">Del</a>	<a href="#">Experience Profile Manager</a>	20/02/2023	

Permission Set Assignments: Activation Required [Edit Assignments](#) [Permission Set Assignments: Activation Required Help](#)

No records to display

Permission Set Group Assignments [Edit Assignments](#) [Permission Set Group Assignments Help](#)

No records to display

Permission Set License Assignments [Edit Assignments](#) [Permission Set License Assignments Help](#)

No records to display

Personal Groups [New Group](#) [Personal Groups Help](#)

No personal groups specified

Recently Viewed | Travel Approv... x Users | Salesforce x WhatsApp x +

gac-a-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F0052w00000ElvVAAZ%3Fnoredirect%3D1%26isUserEntityOverride%3D1

Gmail YouTube Maps

Search Setup

Setup Home Object Manager

users

Users

- Permission Set Groups
- Permission Sets
- Profiles
- Public Groups
- Queues
- Roles
- User Management Settings
- Users

Feature Settings

- Data.com
- Prospector Users

Didn't find what you're looking for? Try using Global Search.

SETUP Users

Permission Set Assignments

Edit Assignments

Permission Set Assignments Help

Action	Permission Set Label	Date Assigned	Expires On
Del	Experience Profile Manager	20/02/2023	

Permission Set Assignments: Activation Required

Edit Assignments

Permission Set Assignments: Activation Required Help

No records to display

Permission Set Group Assignments

Edit Assignments

Permission Set Group Assignments Help

No records to display

Permission Set License Assignments

Edit Assignments

Permission Set License Assignments Help

No records to display

Personal Groups

New Group

Personal Groups Help

No personal groups specified

Type here to search

Recently Viewed | Travel Approv... x Users | Salesforce x WhatsApp x +

gac-a-dev-ed.develop.lightning.force.com/lightning/setup/ManageUsers/page?address=%2F0052w00000ElvVAAZ%3Fnoredirect%3D1%26isUserEntityOverride%3D1

Gmail YouTube Maps

Search Setup

Setup Home Object Manager

users

Users

- Permission Set Groups
- Permission Sets
- Profiles
- Public Groups
- Queues
- Roles
- User Management Settings
- Users

Feature Settings

- Data.com
- Prospector Users

Didn't find what you're looking for? Try using Global Search.

Third-Party Account Links

Third-Party Account Links Help

This account is not authorized for access from any third-party accounts

Installed Mobile Apps

No records to display

Authentication Settings for External Systems

New

Authentication Settings for External Systems Help

No records to display

Login History

Login History Help

Login Time	Source IP	Login Type	Login Subtype	Status	Application	Login URL	Location
15/04/2023, 2:58:39 am IST	157.49.246.252	Application		Success	Browser	login.salesforce.com	India
14/04/2023, 11:51:05 pm IST	157.49.233.108	Application		Success	Browser	login.salesforce.com	India
14/04/2023, 11:50:40 pm IST	157.49.233.108	Application		Failed: Computer activation required	Browser	login.salesforce.com	India
13/04/2023, 11:49:12 am IST	157.49.253.104	Application		Success	Browser	login.salesforce.com	India
13/04/2023, 11:48:44 am IST	157.49.253.104	Application		Failed: Computer activation required	Browser	login.salesforce.com	India
11/04/2023, 1:31:32 pm IST	157.49.212.20	Application		Success	Browser	gac-a-dev-ed.develop.my.salesforce.com	India
11/04/2023, 1:31:01 pm IST	157.49.212.20	Application		Failed: Computer activation required	Browser	gac-a-dev-ed.develop.my.salesforce.com	India

Type here to search

27°C Clear

14:57 14-04-2023

## 7. ADD BUSINESS LOGIC TO TRAVEL APP

### ACTIVITY 1: VALIDATION RULES

Recently Viewed | Travel Approv... x Travel Approval | Salesforce x WhatsApp x +

gac-a-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0112w000003Gn6p/ValidationRules/view

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

**Validation Rules**  
1 Items, Sorted by Rule Name

New

RULE NAME	ERROR LOCATION	ERROR MESSAGE	ACTIVE	MODIFIED BY
Trip_end_date_after_start_date	Trip End Date	Trip end date must be greater than or equal to start date	✓	Gopi Krishna, 05/04/2023, 7:10 pm

Type here to search

26°C Clear 15:05 14-04-2023

## ACTIVITY 2: FORMULA FIELDS



SETUP

## Static Resources

Static Resource

He

### StatusImages

#### Static Resource Detail

[Edit](#)[Delete](#)[Where is this used?](#)

Name StatusImages

Namespace Prefix

Description

MIME Type application/zip

Cache Control Private

Size 39,130 bytes

[View file](#)

Created By [Gopi.krishna](#), 05/04/2023, 7:41 pm

Last Modified By [Gopi.krishna](#), 05/04/2023, 7:41 pm

[Edit](#)[Delete](#)[Where is this used?](#)

## 8. REPORTS

The screenshot shows the Salesforce Reports interface. The report is titled "Travel Requests by Department" and is a table report. The table has 8 columns: Last Activity, Account Owner, Account Name, Billing State/Province, Type, Rating, and Last Modified Date. There are 12 records listed. The report is generated as of 20/02/2023.

	Last Activity	Account Owner	Account Name	Billing State/Province	Type	Rating	Last Modified Date
1	-	Gopi krishna	GenePoint	CA	Customer - Channel	Cold	20/02/2023
2	-	Gopi krishna	United Oil & Gas, UK	UK	Customer - Direct	-	20/02/2023
3	-	Gopi krishna	United Oil & Gas, Singapore	Singapore	Customer - Direct	-	20/02/2023
4	-	Gopi krishna	Edge Communications	TX	Customer - Direct	Hot	20/02/2023
5	-	Gopi krishna	Burlington Textiles Corp of America	NC	Customer - Direct	Warm	20/02/2023
6	-	Gopi krishna	Pyramid Construction Inc.	-	Customer - Channel	-	20/02/2023
7	-	Gopi krishna	Dickenson plc	KS	Customer - Channel	-	20/02/2023
8	-	Gopi krishna	Grand Hotels & Resorts Ltd	IL	Customer - Direct	Warm	20/02/2023
9	-	Gopi krishna	Express Logistics and Transport	OR	Customer - Channel	Cold	20/02/2023
10	-	Gopi krishna	University of Arizona	AZ	Customer - Direct	Warm	20/02/2023
11	-	Gopi krishna	United Oil & Gas Corp.	NY	Customer - Direct	Hot	20/02/2023
12	-	Gopi krishna	sForce	CA	-	-	20/02/2023

## 9. DASHBOARD

The screenshot shows the Salesforce Dashboard interface. The dashboard is titled "Travel Requests by Department" and displays a table report. The table has 5 columns: Last Activity, Account Owner, Account Name, Billing State/Province, and Type. There are 10 records listed. The dashboard is generated as of 14-04-2023.

Last Activity	Account Owner	Account Name	Billing State/Province	Type
-	Gopi krishna	Edge Communications	TX	Customer - Direct
-	Gopi krishna	Burlington Textiles Corp of America	NC	Customer - Direct
-	Gopi krishna	Pyramid Construction Inc.	-	Customer - Channel
-	Gopi krishna	Dickenson plc	KS	Customer - Channel
-	Gopi krishna	Grand Hotels & Resorts Ltd	IL	Customer - Direct
-	Gopi krishna	Express Logistics and Transport	OR	Customer - Channel
-	Gopi krishna	University of Arizona	AZ	Customer - Direct
-	Gopi krishna	United Oil & Gas Corp.	NY	Customer - Direct
-	Gopi krishna	sForce	CA	-

Recently Viewed | Travel Approvals | Travel Requests Dashboard | Sales | WhatsApp

gac-a-dev-ed.develop.lightning.force.com/lightning/r/Dashboard/01Z2w000000CTdzEAG/view

Travel Approval

### Travel Requests by Department

Last Activity ↑	Account Owner	Account Name	Billing State/Province	Type
	- Gopi krishna	Edge Communications	TX	Customer - Direct
	- Gopi krishna	Burlington Textiles Corp of America	NC	Customer - Direct
	- Gopi krishna	Pyramid Construction Inc.	-	Customer - Channel
	- Gopi krishna	Dickenson plc	KS	Customer - Channel
	- Gopi krishna	Grand Hotels & Resorts Ltd	IL	Customer - Direct
	- Gopi krishna	Express Logistics and Transport	OR	Customer - Channel
	- Gopi krishna	University of Arizona	AZ	Customer - Direct
	- Gopi krishna	United Oil & Gas Corp.	NY	Customer - Direct
	- Gopi krishna	sForce	CA	-

View Report (Travel Requests by Department)

Type here to search

26°C Clear

15:19 14-04-2023

Recently Viewed | Travel Approvals | Travel Requests Dashboard | Sales | WhatsApp

gac-a-dev-ed.develop.lightning.force.com/lightning/r/Dashboard/01Z2w000000CTdzEAG/view

Travel Approval

### Travel Requests by Department

Last Activity ↑	Account Owner	Account Name	Billing State/Province	Type
	- Gopi krishna	GenePoint	CA	Customer - Channel
	- Gopi krishna	United Oil & Gas, UK	UK	Customer - Direct
	- Gopi krishna	United Oil & Gas, Singapore	Singapore	Customer - Direct
	- Gopi krishna	Edge Communications	TX	Customer - Direct
	- Gopi krishna	Burlington Textiles Corp of America	NC	Customer - Direct
	- Gopi krishna	Pyramid Construction Inc.	-	Customer - Channel
	- Gopi krishna	Dickenson plc	KS	Customer - Channel
	- Gopi krishna	Grand Hotels & Resorts Ltd	IL	Customer - Direct
	- Gopi krishna	Express Logistics and Transport	OR	Customer - Channel

View Report (Travel Requests by Department)

Type here to search

26°C Clear

15:19 14-04-2023

#### **4. TRAILHEAD PROFILE PUBLIC URL**

##### **1.GNANASOWNTHIRI R (LEAD)**

**<https://trailblazer.me/id/gnanr5>**

##### **2. GOPIKRISHNA M**

**<https://trailblazer.me/id/gkrishna335>**

##### **3. KARPAGAMOORTHY M**

**<https://trailblazer.me/id/cphytm>**

##### **4.KALIMUTHU**

**<https://trailblazer.me/id/danandhiboys>**

#### **5. The Advantages**

- **For developing countries, the advantages of tourism tend to be primarily monetary.**
- **A large scale tourism industry prevents larger, more harmful businesses from working off the land.**

- **Small tourist companies that reign on the land stops large capitalistic corporations from polluting the air or gentrifying people's homes.**
- **The tourism industry encompasses many different travel areas, which allows the majority of a country's population to be employed.**
- **These employment places include hotels, car rental agencies, restaurants, tour companies, souvenir shops, and equipment shops, among others.**

## **DISADVANTAGES**

- **With the way the tourism industry is currently run, the disadvantages of tourism may**



**greatly outweigh the advantages in a country.**

- **The first factor to take into consideration is environmental damage.**
- **When a country has a high tourist attraction, the number of people occupying a space increases immensely.**
- **As a result, the release of carbon monoxide gases can increase due to plane and car use affecting the country's environment.**
- **Many countries with ancient ruins or natural attractions are also in danger of destruction or erosion with significant foot traffic and human interaction.**

➤ **Additionally,  
flora and fauna can decrease in areas  
or change their growth and migration  
patterns when there is an overflow of  
humans interact.**

➤ **Foot traffic  
and continuous touching can also  
slowly degrade the stability of  
ancient structures.**

## **6.APPLICATION**

### **Travel Approval Application**

**This document covers the following  
topics:**

➤ **About the  
Sample Application**



## **Prerequisites**

### **Installing the Sample Application**

- **Defining the Use of an External Web Browser**
- **Starting the Sample Application**
- **Logging in as an Employee for Requesting a Business Trip**
- **Entering a Travel Request with Flight and Hotel Information**

## **7. CONCLUSION**

- **While the business travel approval process may seem overwhelming when everything is done manually, this**

**doesn't have to be the case forever.**



**By creating an organized plan, communicating it well, and using an automated, centralized system, you can change the way your company does business travel.**

## **8.FUTURE SCOPE**

- Voice and Conversation UI.**
- Conversational tools.**
- Artificial intelligence.**
- Automation.**
- Analytics.**
- Usability.**
- Integration.**

- **Customer experience.**
- **Personalization.**
- **Internet of things.**
- **Become more powerful to support customers.**