

Project Executable Files OUTPUTS

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| Date | 22 June 2025 |
| Team ID | LTVIP2025TMID31451 |
| Project Name | Workforce Administration Solution (dev) |

The outputs of this project come in the form of:

- **Custom Salesforce Objects:**
 1. Employee object
 2. Project object
 3. Project Task object
 4. Asset object
- **Custom Object Output for Asset**
- **Custom Tabs view for all objects**
- **Fields & Relationships**
- **Setting OWD**
- **User Adoption**
- **Import data**
- **Apex trigger**
- **Testing The Trigger**
- **Custom Object Output for Asset :**

The screenshot shows the Salesforce Setup interface for creating a new custom object. The page is titled "New Custom Object" and includes a warning about permissions. The "Custom Object Definition Rule" section contains the following fields:

- Label:** Asset (Example: Account)
- Plural Label:** Assets (Example: Accounts)
- Object Name:** Asset (Example: Account)
- Description:** (Empty text area)

The "Enter Record Name Label and Format" section includes the following fields:

- Record Name:** Asset Name (Example: Account Name)
- Data Type:** Text

The "Optional Features" section has the following checkboxes:

- ☐ Allow Reports
- ☐ Allow Activities
- ☐ Track Field History
- ☐ Allow in Chatter Context
- ☐ Enable Linking

The "Object Classification" section has the following checkboxes:

- ☐ Allow Sharing
- ☐ Allow Bulk API Access
- ☐ Allow Streaming API Access

The "Deployment Status" section has the following radio buttons:

- ☐ In Development
- ☐ Deployed

- **Custom Tabs view for all objects:**

The screenshot shows the Salesforce Setup interface. The left sidebar has a search bar with "tabs" entered. Under "User Interface", the "Tabs" link is highlighted. The main content area is titled "Custom Tabs" and includes a "Help for this Page" link. Below the title, there is an introductory paragraph: "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."

There are two sections: "Custom Object Tabs" and "Web Tabs".

Custom Object Tabs

| Action | Label | Tab Style | Description |
|--|----------------|-----------|-------------|
| Edit Del | Assets | Bank | |
| Edit Del | Asset Services | Building | |
| Edit Del | Employees | Books | |
| Edit Del | Leaves | Airplane | |
| Edit Del | Projects | Books | |
| Edit Del | Project Tasks | Books | |

Web Tabs

No Web Tabs have been defined

- **Fields & Relationships :**
Created a field name as Asset Service Name

The screenshot shows the Salesforce Setup interface for the "Asset Service" object. The left sidebar has a search bar with "Asset Service" entered. Under "Fields & Relationships", the "Fields & Relationships" link is highlighted. The main content area is titled "Asset Service" and includes a "Help for this Page" link. Below the title, there is a "Back to Asset Service" link. The "Fields & Relationships" section is expanded, showing a table of field information.

Field Information

| Field Label | Asset Service Name | Field Name | Name |
|---------------------------|--------------------|------------|------|
| Data Type | Text(80) | | |
| Description | | | |
| Data Owner | | | |
| Field Usage | | | |
| Data Sensitivity Level | | | |
| Compliance Categorization | | | |

Validation Rules

No validation rules defined.

- **Setting OWD**

OWD-Organization-Wide Defaults

Created a default internal access and external access to **private** for users (Asset Service, Employee, Project) .

Search Setup

Setup Home Object Manager

Q sharing

Security

Guest User **Sharing** Rule Access Report

Sharing Settings

| Object | Private | Public Read/Write | Checkmark |
|--------------------|-------------------|-------------------|-----------|
| Waitlist | Private | Private | ✓ |
| Web Cart Document | Private | Private | ✓ |
| Work Order | Private | Private | ✓ |
| Work Plan | Private | Private | ✓ |
| Work Plan Template | Private | Private | ✓ |
| Work Step Template | Private | Private | ✓ |
| Work Type | Private | Private | ✓ |
| Work Type Group | Public Read/Write | Private | ✓ |
| Asset | Public Read/Write | Private | ✓ |
| Asset Service | Private | Private | ✓ |
| Employee | Private | Private | ✓ |
| Leave | Public Read/Write | Private | ✓ |
| Project | Private | Private | ☐ |

- **User Adoption:**

Search...

Employee Manage... Employees Leaves * Vulli V Durga Ganga Satya... * Dashboards

Employees

Recently Viewed

1 item • Updated a few seconds ago

New Import Change Owner Assign Label

Search this list...

| Employee Id |
|-------------|
| 1 EMS-0001 |

- **Import data:**

Created a CSV file & start importing then the next step is to 0 records under the records failed column.

Output - 0 records under the records failed column.

The screenshot shows the Salesforce Setup interface for Bulk Data Load Jobs. The job ID is 750gk2000006/ZrV, submitted by Vulk V Durga Ganga Satya Geethika. The job type is Bulk V1, and the operation is Insert. The status is Closed. The total processing time is 155 ms. The API active processing time is 113 ms, and the apex processing time is 59 ms. The records processed are 14, and records failed are 0. The concurrency mode is Parallel, and the API version is 64.0.

| 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 | Records Failed | Retry Count | State Message | Status |
|--------------|-------------|-----------------|--------------------|--------------------|----------------------------|---------------------------------|---------------------------|-------------------|----------------|-------------|---------------|-----------|
| View Request | View Result | 751gk00000590A1 | 6/25/2025, 8:19 AM | 6/25/2025, 8:19 AM | 155 | 113 | 59 | 14 | 0 | 0 | | Completed |

- **Apex Trigger:**

Created a new apex class

```

1 trigger EmpInsert on Employee__c (before insert) {
2
3     for(Employee__c pass : Trigger.New){
4
5         List<Employee__c> mynew = [SELECT Id, Name FROM Employee__c WHERE Employee_Name__c =: pass.Employee_Name__c];
6
7         if(mynew.size() > 0){
8
9             pass.Name.addError('Employee with same name is existing');
10
11         }
12     }
13 }
14

```

The screenshot shows an IDE with the Apex trigger class EmpInsert.apxt. The code is as follows:

- **Testing The Trigger :**
Finally, test the created trigger.

The screenshot shows a web application interface for managing employees. A modal window titled "New Employee: On Site Employee" is open, displaying a form with the following fields:

- Employee Id**: A text input field.
- Employee Name**: A text input field containing "Jackie Chan".
- Gender**: A dropdown menu with "--None--" selected.
- Employee**: A search input field with the placeholder "Search Employees..." and a magnifying glass icon.
- Qualification**: A text input field.
- Experience**: A text input field.
- Phone no.**: A text input field.
- Owner**: A dropdown menu showing "Vulli V Durga Ganga Satya Geethika Team".

A red error message box is overlaid on the form, stating: "We hit a snag." Below this, it lists the errors: "Review the errors on this page." and "Review the following fields:" followed by "Employee with same name is existing" and "Employee Id". At the bottom of the modal, there are three buttons: "Cancel", "Save & New", and "Save".