InternLink Hub -“A Central Platform for Internships & Placements”

Phase 8: Data Management & Deployment — InternLink Hub CRM

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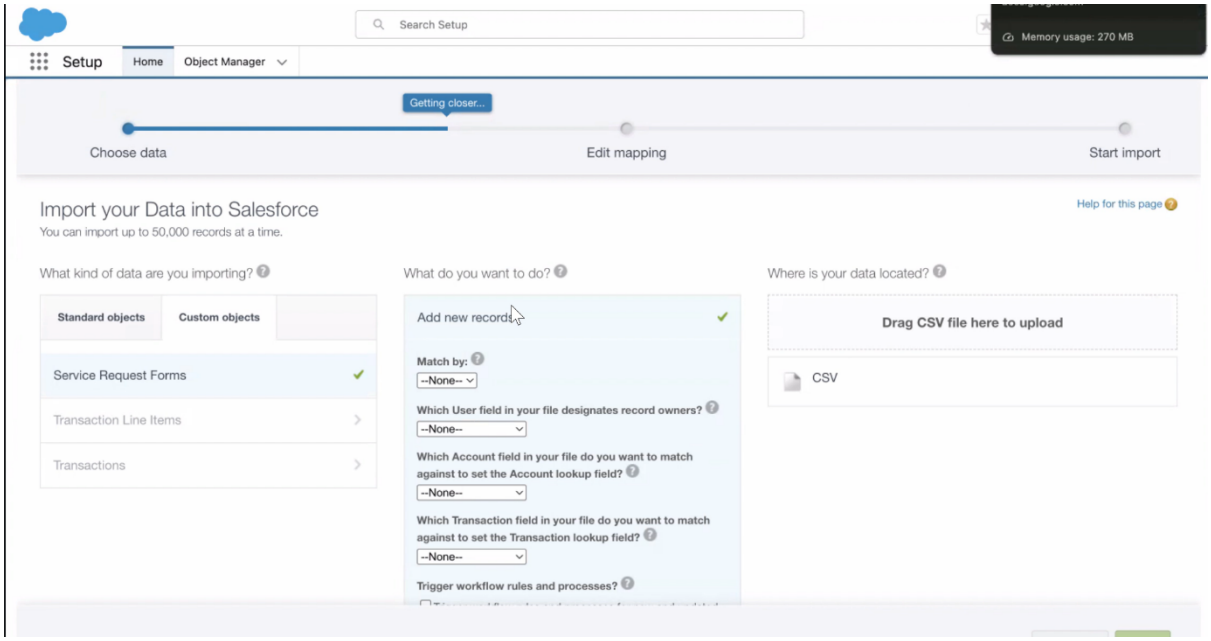
1. Data Import Wizard

- **Purpose:** Import small to medium-sized datasets (up to 50,000 records).
- **Implementation:** Used to upload Student, Internship, and Placement data in bulk via CSV.
- **Benefit:** Quick, easy, and user-friendly tool for admins without requiring advanced technical skills.



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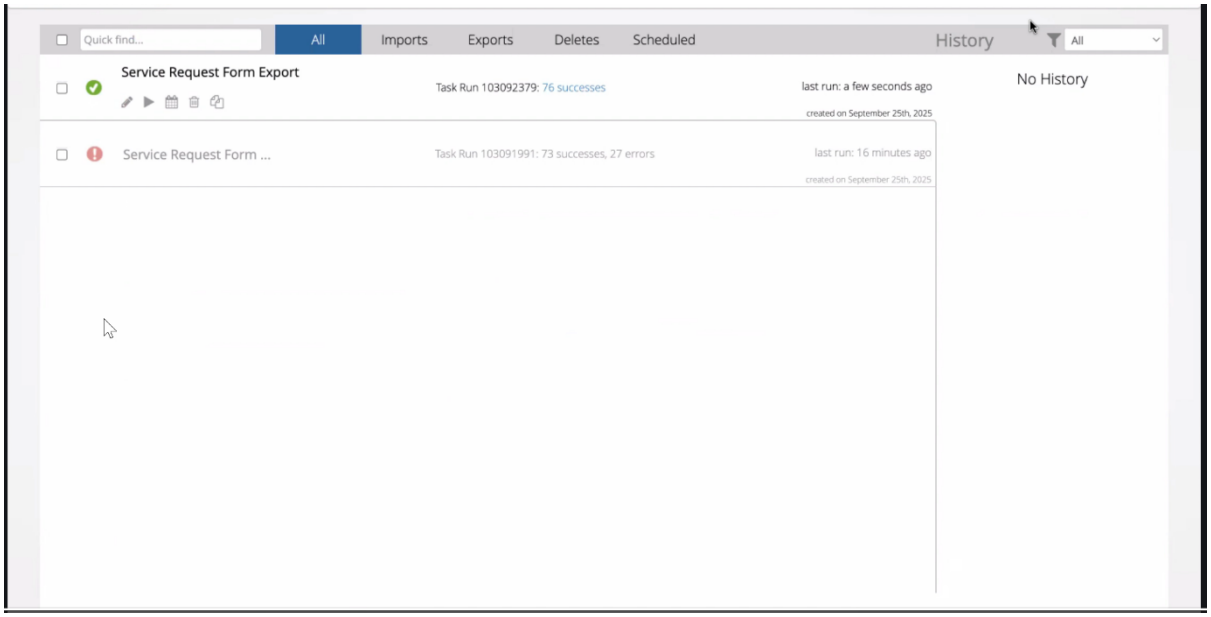
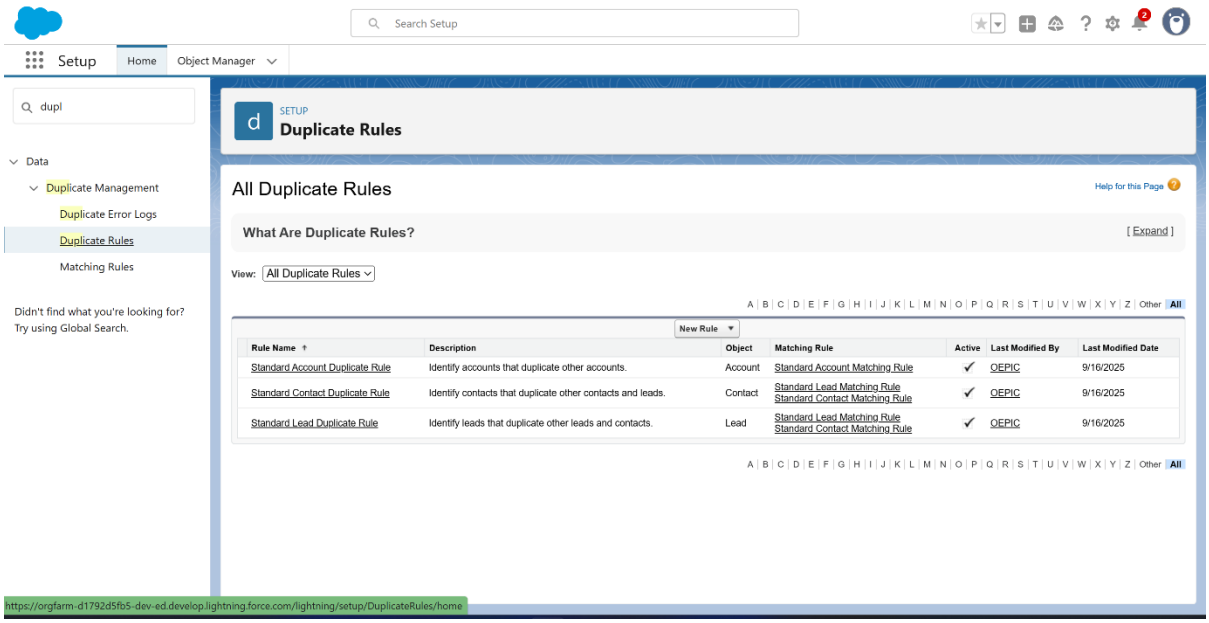
2. Data Loader

- **Purpose:** Handle large data volumes (up to millions of records) for import, export, update, and delete.
- **Implementation:** Used for bulk uploading Applications and updating Placement records.
- **Benefit:** Ensures efficiency for large datasets with advanced options like scheduled imports/exports.
- I have made the application as service request form



3. Duplicate Rules

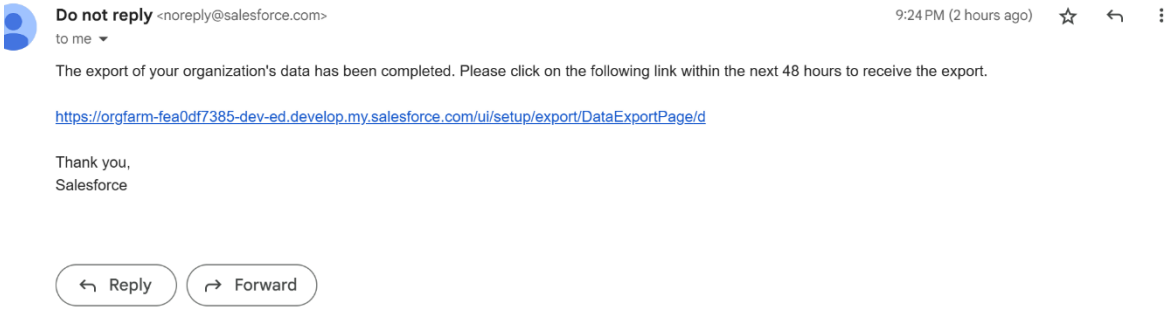
- **Purpose:** Prevent duplicate records for Students, Recruiters, and Internships.
- **Implementation:** Configured Duplicate Rules and Matching Rules to block or alert users when duplicates are detected.
- **Benefit:** Maintains clean, accurate data across the CRM.



4. Data Export & Backup

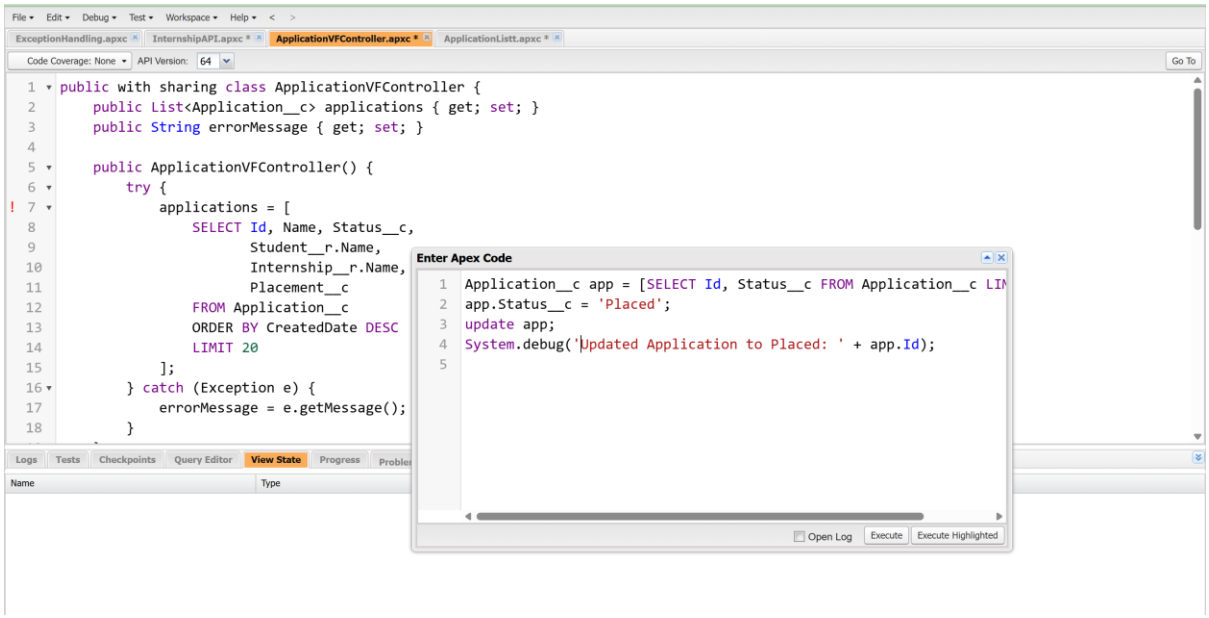
- **Purpose:** Securely back up CRM data to prevent loss and ensure recovery when needed.
- **Implementation:** Configured **weekly scheduled data exports** in Salesforce to back up **Student__c, Application__c, and Placement__c** records. Exports were generated in **.zip files containing .csv data** for each object. These files were stored securely for auditing and recovery purposes.

- **Benefit:** Protects against accidental deletions, corruption, or integration errors. Ensures that critical data for students, applications, and placements can be restored if issues occur.
- **Usage in InternLink Hub:** Provides a reliable backup strategy to maintain trust and data integrity for recruiters, students, and admins.
- We can export the dat which we want and download if we needed .
- After getting export we get mail like below.



5.Developer console:

For the InternLink Hub project, I have created custom Apex classes to handle automation and core business logic. These classes manage workflows such as application status updates, placement processing, and recruiter notifications. They interact with key custom objects like Student__c, Application__c, Placement__c, and Internship__c. This ensures efficient data handling and seamless process automation in the system.


File Edit Debug Test Workspace Help
ExceptionHandling.apxc
InternshipAPI.apxc *
ApplicationVFController.apxc *
ApplicationListt.apxc *
Code Coverage: None
API Version: 64
Go To
public with sharing class ApplicationVFController {
public List<Application__c> applications { get; set; }
public String errorMessage { get; set; }
public ApplicationVFController() {
try {
applications = [
SELECT Id, Name, Status__c,
Student__r.Name,
Internship__r.Name,
Placement__c
FROM Application__c
ORDER BY CreatedDate DESC
LIMIT 20
];
} catch (Exception e) {
errorMessage = e.getMessage();
}
Logs
Tests
Checkpoints
Query Editor
View State
Progress
Name
Type
Enter Apex Code
Application__c app = [SELECT Id, Status__c FROM Application__c LIM
app.Status__c = 'Placed';
update app;
System.debug('Updated Application to Placed: ' + app.Id);
Open Log
Execute
Execute Highlighted