

PROJECT TEMPLATE

I. INTRODUCTION

1.1. OVERVIEW

A property management system is software application for the operations of hospitality accommodations and commercial residential rental properties PMS is also used in manufacturing industries, local government and manufacturing

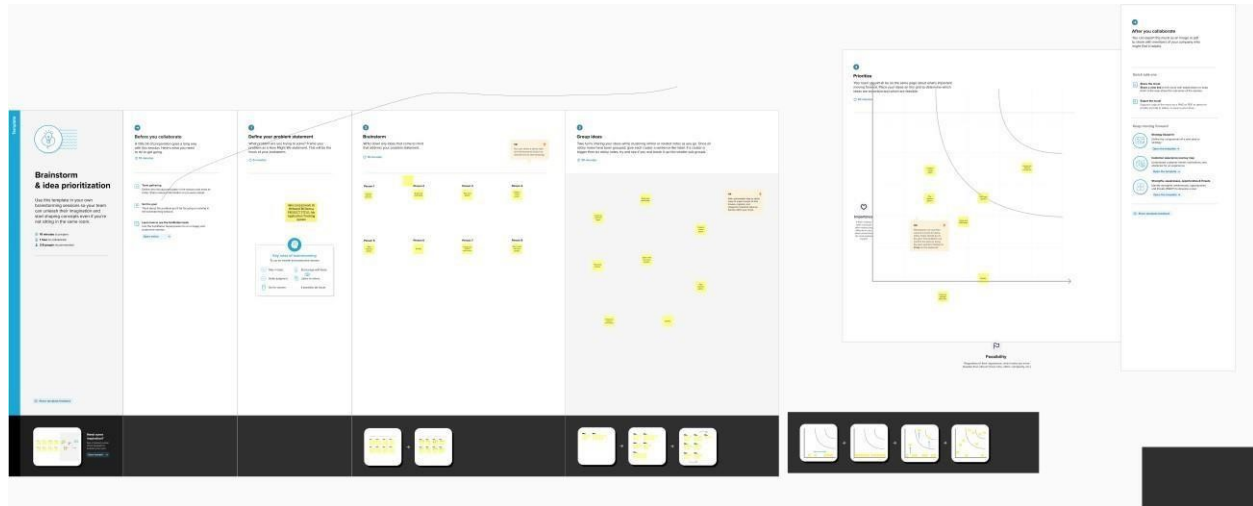
1.2. PURPOSE

Track emails, calls and set tasks to connect with the right buyers, sellers and renters at the right time. Integrate tools to manage email campaigns and accelerate deal cycles. work anywhere with the salesforce mobile app. Integrate mail chimp to manage email marketing campaigns with current and past clients.

2. PROBLEM DEFINITION AND DESIGN THINKING

2.1. EMPATHY MAP

2.2. IDEATION AND BRAINSTORMINGMAP



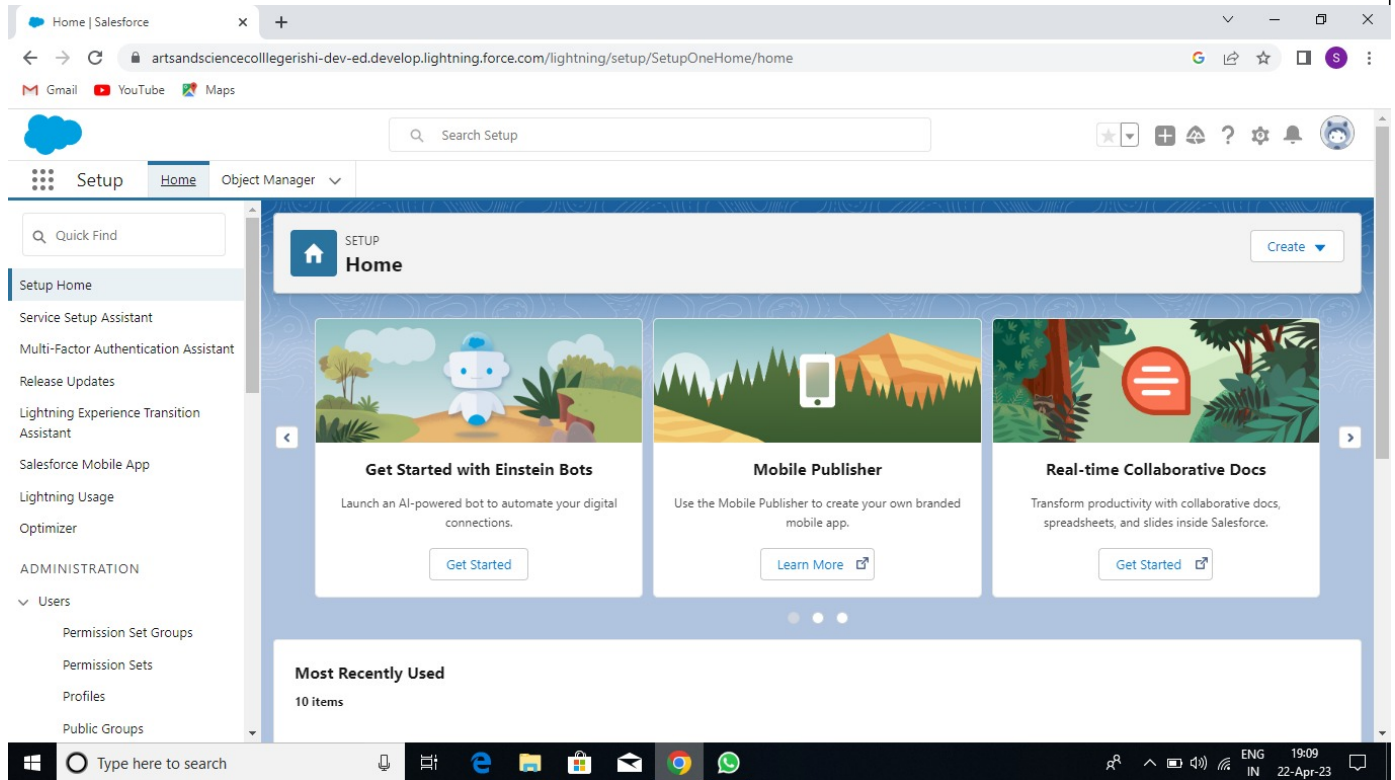
3. Result

3.1. Data Model

OBJECT NAME	FIELDS IN THE OBJECT	
Standard Object	Field label	Data type
	Users	Text
	Contracts	Text
Custom Object	Field Name	Data type
	Buy	Discount
	Rent	City

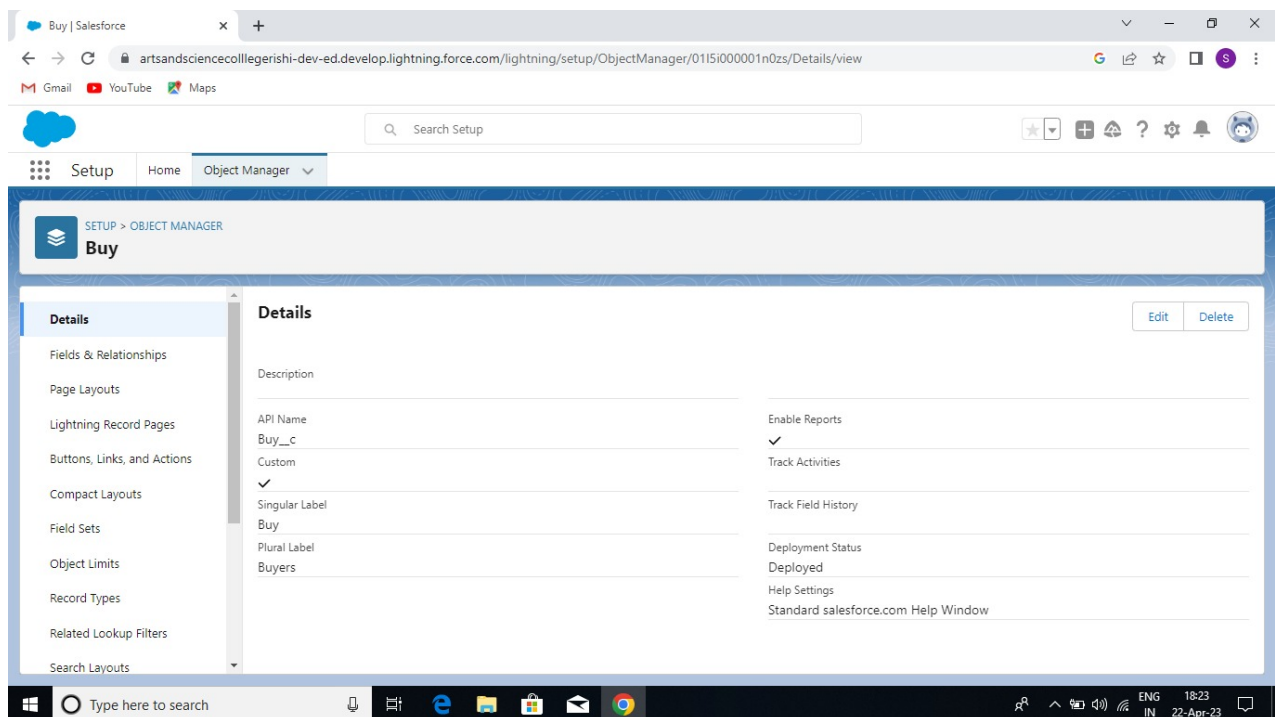
3.2 Activity and screenshot

Milestone 1: Creating developer account



Milestone 2:

Activity 1: Creating a Object



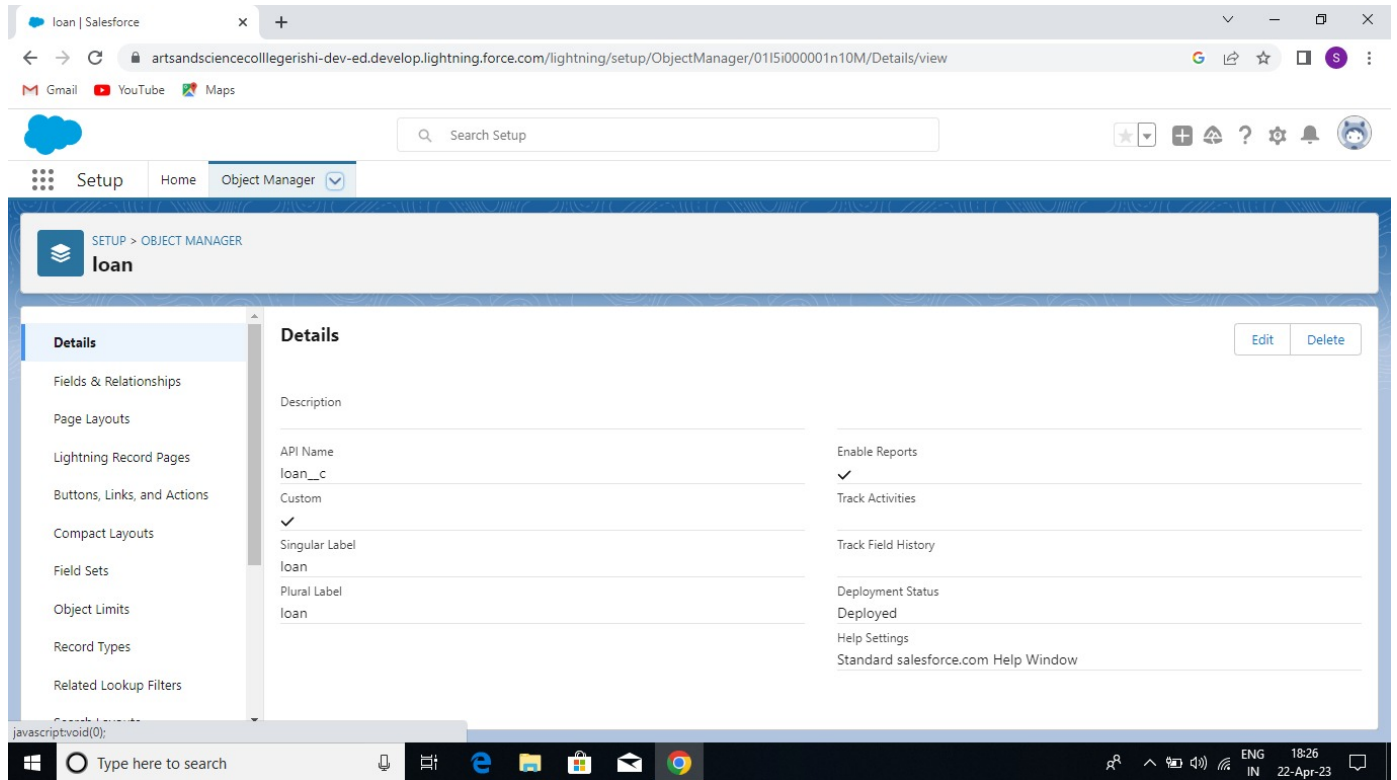
Activity 2: Create Object Buy

The screenshot shows the Salesforce Object Manager setup page for the 'rent' object. The browser address bar displays the URL: `artsandsciencecolllegerishi-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/01I5i000001n10H/Details/view`. The Salesforce navigation bar includes a 'Search Setup' field and various utility icons. The left sidebar lists setup categories: Details, Fields & Relationships, Page Layouts, Lightning Record Pages, Buttons, Links, and Actions, Compact Layouts, Field Sets, Object Limits, Record Types, Related Lookup Filters, and Search Layouts. The 'Details' section is active, showing the following configuration:

Details	
Description	
API Name	rent__c
Custom	✓
Singular Label	rent
Plural Label	rentsrs
Enable Reports	✓
Track Activities	
Track Field History	
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

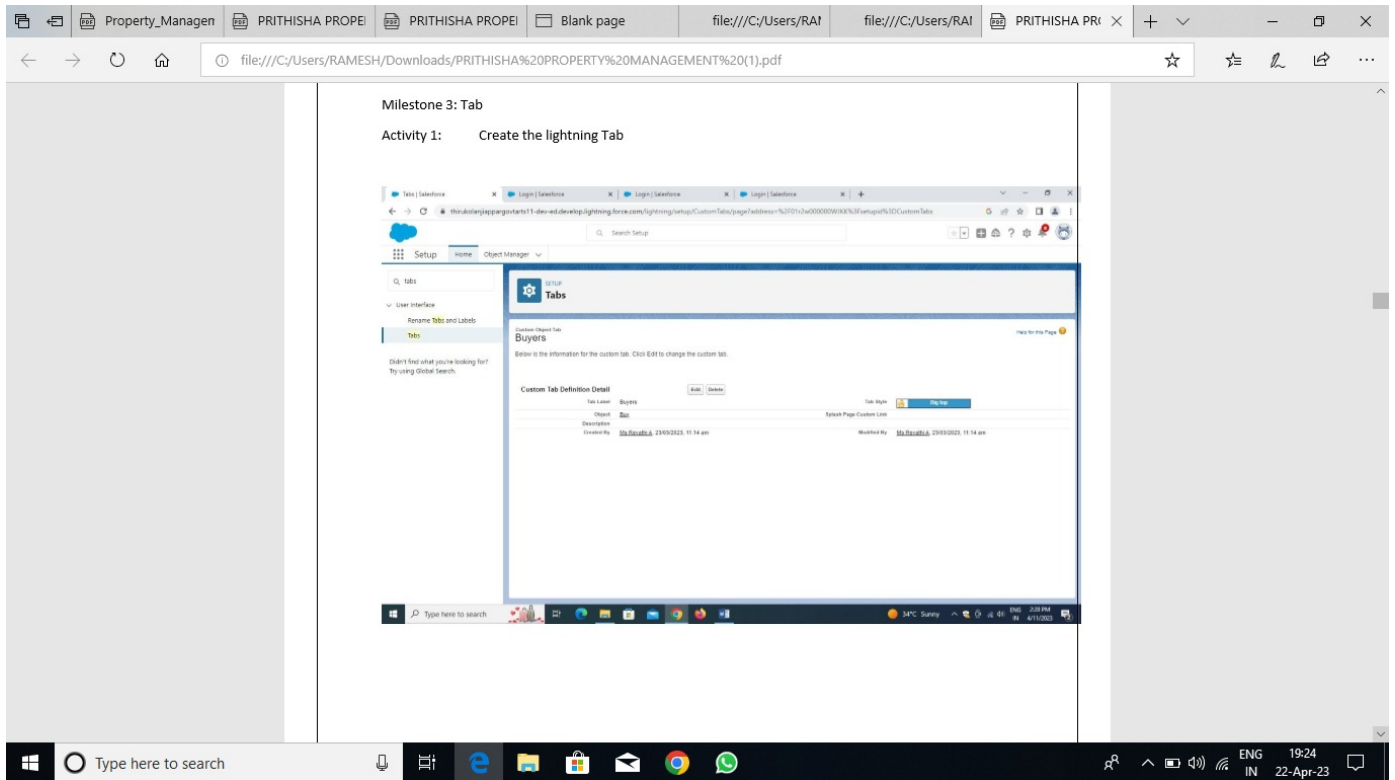
The bottom of the image shows the Windows taskbar with the search bar and several application icons. The system tray on the right indicates the language is ENG IN and the time is 18:26 on 22-Apr-23.

Activity 3: Create Object Rent

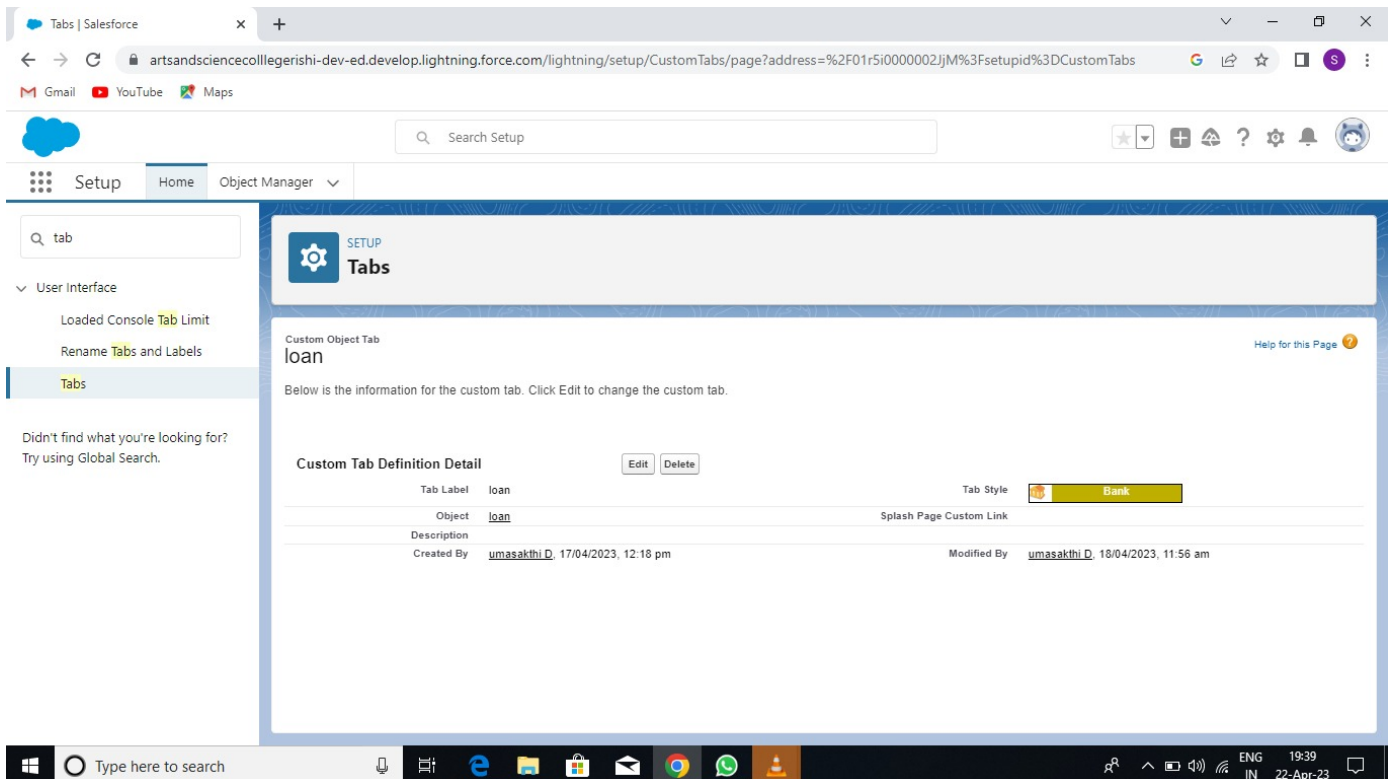


Milestone 3: Tab

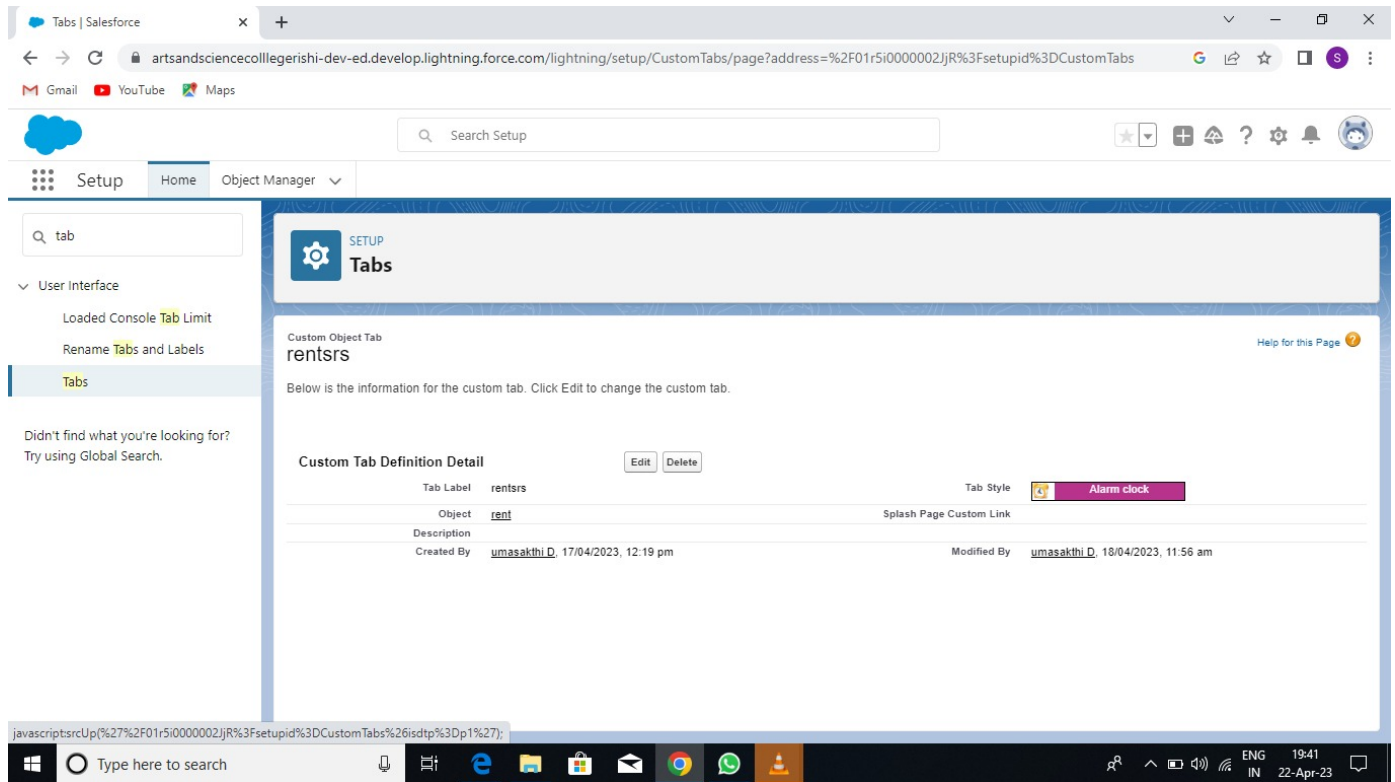
Activity 1: Create the lightning Tab



Activity 2: Create a Tab (Loan)



Activity 3: Create a Tab (Rent)



The screenshot shows the Salesforce Setup interface for Custom Tabs. The browser address bar displays the URL: `artsandsciencecolllegerishi-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/page?address=%2F01r5i0000002JjR%3Fsetupid%3DCustomTabs`. The left sidebar shows the navigation menu with 'Setup' selected, and 'User Interface' expanded, showing 'Loaded Console Tab Limit', 'Rename Tabs and Labels', and 'Tabs' (which is highlighted). The main content area is titled 'SETUP Tabs' and shows the 'Custom Object Tab' configuration for 'rentsrs'. Below the title, it says 'Below is the information for the custom tab. Click Edit to change the custom tab.' The 'Custom Tab Definition Detail' section includes fields for 'Tab Label' (rentsrs), 'Object' (rent), 'Tab Style' (Alarm clock), 'Description', 'Created By' (umasakthi D, 17/04/2023, 12:19 pm), and 'Modified By' (umasakthi D, 18/04/2023, 11:56 am). The 'Edit' and 'Delete' buttons are visible next to the 'Tab Label' field.

Milestone 4: The Lightning App

Activity 1: Create the lightning App

Salesforce Setup page for Custom Tabs. The browser address bar shows the URL: `artsandsciencecolllegerishi-dev-ed.develop.lightning.force.com/lightning/setup/CustomTabs/page?address=%2F01r5i0000002jJR%3Fsetupid%3DCustomTabs`.

The left sidebar shows the navigation menu with "Setup" selected. The "User Interface" section is expanded, and "Tabs" is selected.

The main content area displays the "Custom Object Tab" configuration for the "rentsrs" object. The "Custom Tab Definition Detail" section shows the following information:

Field	Value
Tab Label	rentsrs
Object	rent
Description	
Created By	umasakthi D, 17/04/2023, 12:19 pm
Modified By	umasakthi D, 18/04/2023, 11:56 am
Tab Style	Alarm clock
Splash Page Custom Link	

The "Edit" and "Delete" buttons are visible next to the "Custom Tab Definition Detail" section.

Milestone 5: Fields

Activity:1 Create field for Loan

Salesforce Object Manager page for the "loan" object. The browser address bar shows the URL: `artsandsciencecolllegerishi-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/0115i000001n10M/Details/view`.

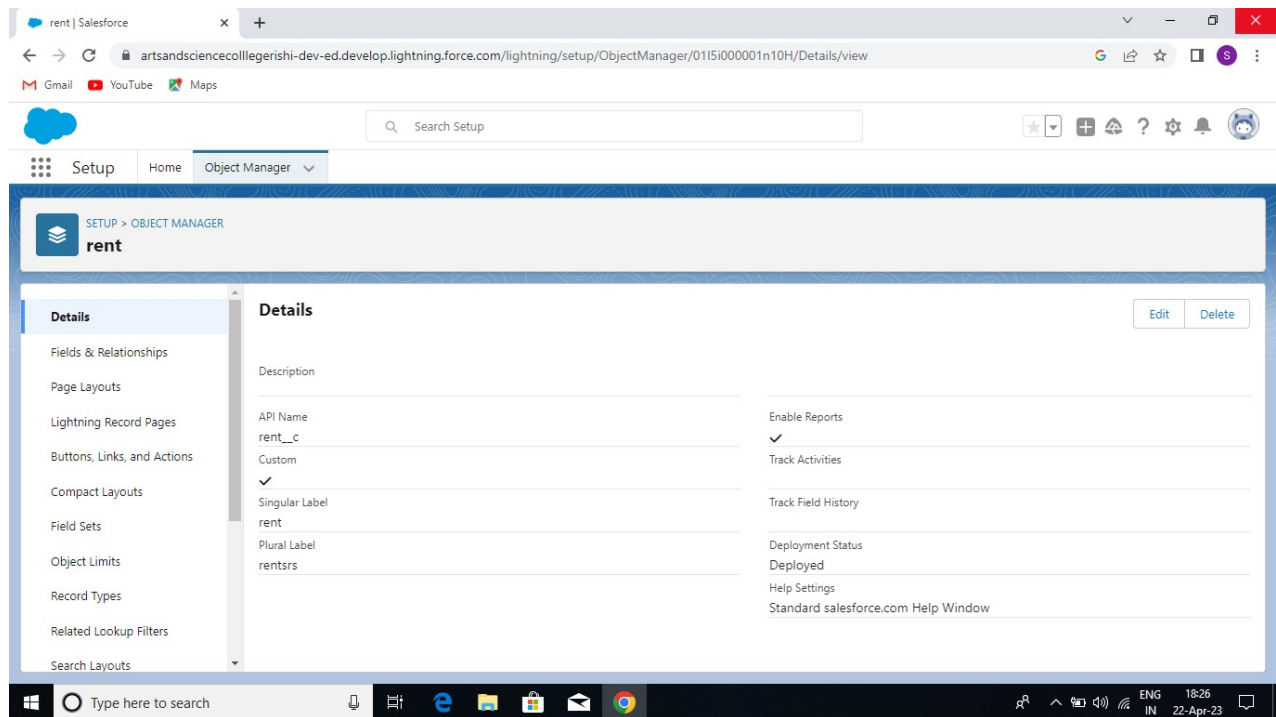
The left sidebar shows the navigation menu with "Setup" selected. The "Object Manager" section is expanded, and "loan" is selected.

The main content area displays the "Details" section for the "loan" object. The "Details" section shows the following information:

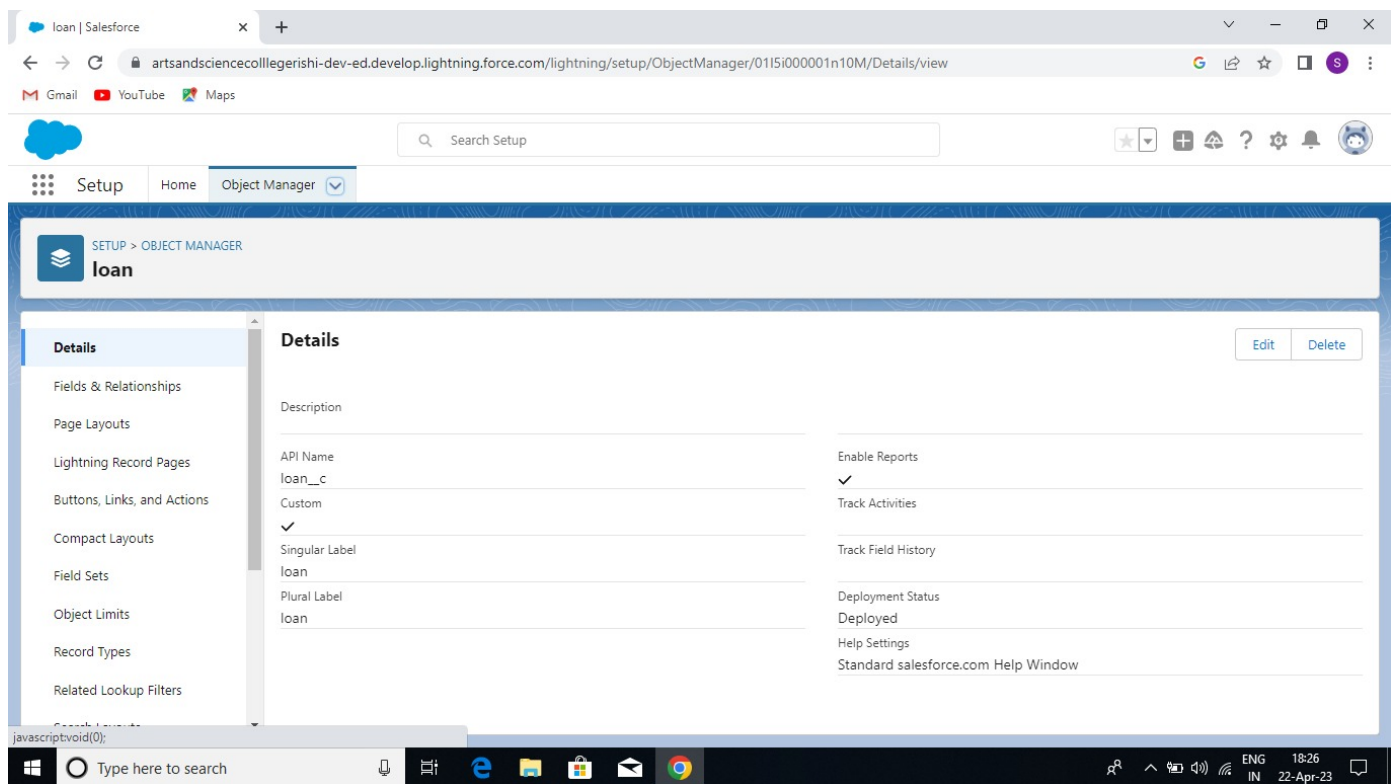
Field	Value
Description	
API Name	loan__c
Custom	✓
Singular Label	loan
Plural Label	loan
Enable Reports	✓
Track Activities	
Track Field History	
Deployment Status	Deployed
Help Settings	Standard salesforce.com Help Window

The "Edit" and "Delete" buttons are visible next to the "Details" section.

Activity 2: Create field for Rent



Activity 3: Create the remaining field



Activity 4: Create Field for Lead

lead | Salesforce

artsandsciencecolllegerishi-dev-ed.develop.lightning.force.com/lightning/setup/ObjectManager/015i000001n4gf/Details/view

Search Setup

Setup Home Object Manager

lead

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Description

API Name
lead__c

Custom
✓

Singular Label
lead

Plural Label
leads

Enable Reports
✓

Track Activities

Track Field History
✓

Deployment Status
Deployed

Help Settings
Standard salesforce.com Help Window

Edit Delete

https://artsandsciencecolllegerishi-dev-ed.develop.lightning.force.com/one/one.app#/setup/ObjectManager/015i000001n4gf/FieldsAndRelationships/view

Type here to search

ENG IN 18:26 22-Apr-23

Milestone 6: Profile

Activity 1: Create new profile

Profiles | Salesforce

artsandsciencecolllegerishi-dev-ed.develop.lightning.force.com/lightning/setup/EnhancedProfiles/page?address=%2F00e5i000000FJWIAAO%3FretURL%3D%252Fs...

Search Setup

Setup Home Object Manager

Quick Find

Setup Home

Service Setup Assistant

Multi-Factor Authentication Assistant

Release Updates

Lightning Experience Transition Assistant

Salesforce Mobile App

Lightning Usage

Optimizer

ADMINISTRATION

Users

Permission Set Groups

Permission Sets

Profiles

Public Groups

Profiles

property management

Users with this profile have the permissions and page layouts listed below. Administrators can change a user's profile by editing that user's personal information.

If your organization uses Record Types, use the Edit links in the Record Type Settings section below to make one or more record types available to users with this profile.

Login IP Ranges (0) | Enabled Apex Class Access (0) | Enabled Visualforce Page Access (0) | Enabled External Data Source Access (0) | Enabled Named Credential Access (0) | Enabled Custom Metadata Type Access (0) | Enabled Custom Setting Definitions Access (0) | Enabled Flow Access (0) | Enabled Service Presence Status Access (0) | Enabled Custom Permissions (0)

Profile Detail

Edit Clone Delete View Users

Name
property management

User License
Salesforce

Description
Created By
umasakthi D. 20/04/2023, 9:03 pm

Custom Profile
✓

Modified By
umasakthi D. 20/04/2023, 9:03 pm

Page Layouts

Standard Object Layouts

Global
Global Layout
[View Assignment]

Email Application
Not Assigned
[View Assignment]

Object Milestone
Object Milestone Layout
[View Assignment]

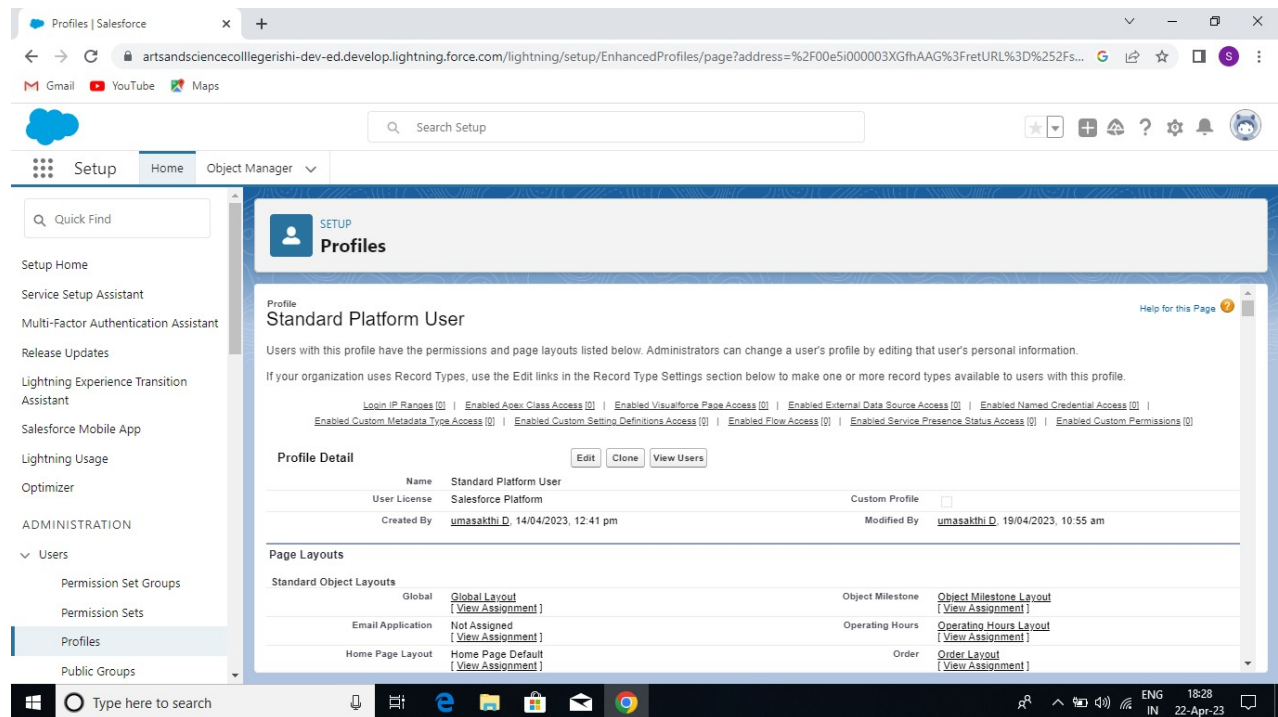
Operating Hours
Operating Hours Layout
[View Assignment]

Opportunity
Opportunity (Marketing) Layout

Type here to search

ENG IN 18:41 22-Apr-23

Activity 2: Create Marketing



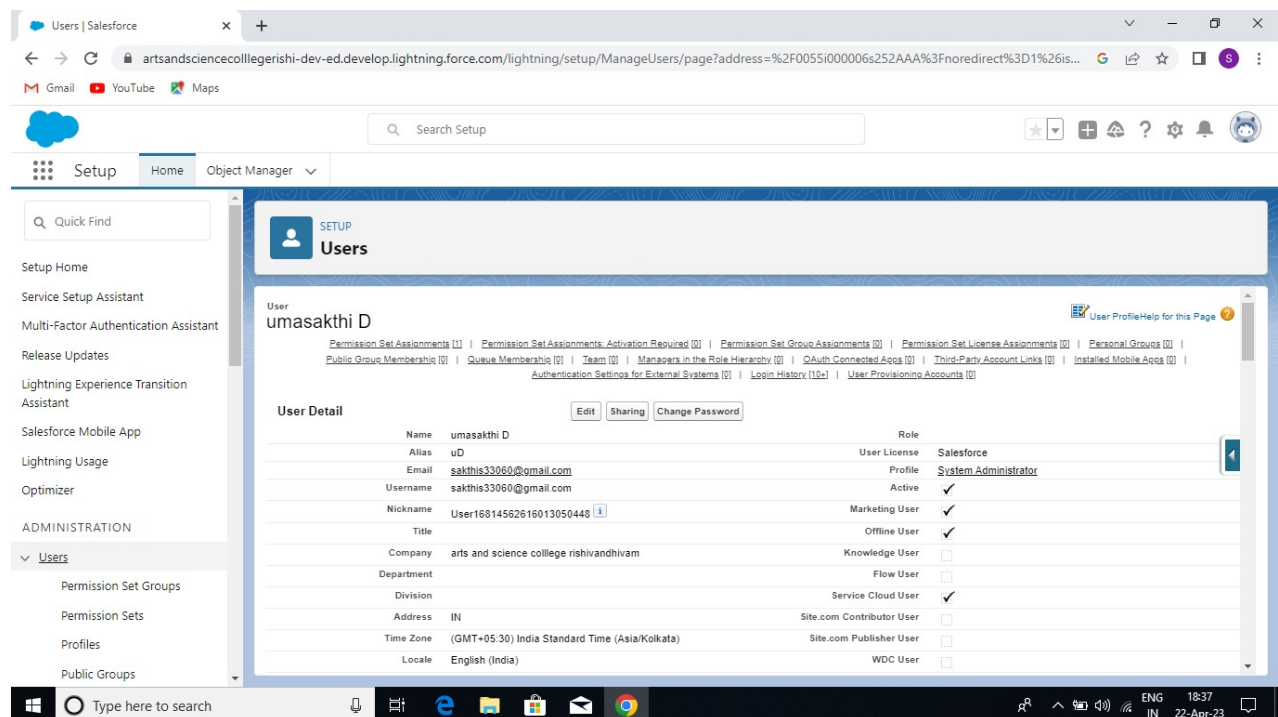
The screenshot shows the Salesforce Setup interface for the 'Profiles' section. The left sidebar contains navigation links for Setup Home, Service Setup Assistant, Multi-Factor Authentication Assistant, Release Updates, Lightning Experience Transition Assistant, Salesforce Mobile App, Lightning Usage, Optimizer, and ADMINISTRATION. Under ADMINISTRATION, 'Users' is expanded, showing links for Permission Set Groups, Permission Sets, Profiles, and Public Groups. The main content area displays the 'Standard Platform User' profile. It includes a 'Profile Detail' section with fields for Name, User License, Created By, and Modified By. Below this is a 'Page Layouts' section with a table of assignments.

Standard Object Layouts	
Global	Global Layout [View Assignment]
Email Application	Not Assigned [View Assignment]
Home Page Layout	Home Page Default [View Assignment]

Object Milestone	
Object Milestone	Object Milestone Layout [View Assignment]
Operating Hours	Operating Hours Layout [View Assignment]
Order	Order Layout [View Assignment]

Milestone 7: New user

Activity 1: Create User



The screenshot shows the Salesforce Setup interface for the 'Users' section. The left sidebar is similar to the previous screenshot, with 'Users' expanded. The main content area displays the 'umasakthi D' user profile. It includes a 'User Detail' section with fields for Name, Alias, Email, Username, Nickname, Title, Company, Department, Division, Address, Time Zone, and Locale. To the right of these fields is a 'Role' section with a table of permissions.

Role	
User License	Salesforce
Profile	System Administrator
Active	<input checked="" type="checkbox"/>
Marketing User	<input checked="" type="checkbox"/>
Offline User	<input checked="" type="checkbox"/>
Knowledge User	<input type="checkbox"/>
Flow User	<input type="checkbox"/>
Service Cloud User	<input checked="" type="checkbox"/>
Site.com Contributor User	<input type="checkbox"/>
Site.com Publisher User	<input type="checkbox"/>
WDC User	<input type="checkbox"/>

Milestone 8: Permission sets

Activity 1: Create the Permission Sets

The screenshot shows the Salesforce Setup interface for Permission Sets. The browser address bar displays the URL: `artsandsiencecolllegerishi-dev-ed.develop.lightning.force.com/lightning/setup/PermSets/page?address=%2F0PSSI000005JDEjGAO%3FretURL%3D%252Fsetup%2...`. The left sidebar contains the Setup menu with options like Setup Home, Service Setup Assistant, Multi-Factor Authentication Assistant, Release Updates, Lightning Experience Transition Assistant, Salesforce Mobile App, Lightning Usage, Optimizer, and ADMINISTRATION. Under ADMINISTRATION, the 'Users' section is expanded, showing 'Permission Set Groups', 'Permission Sets' (selected), 'Profiles', and 'Public Groups'. The main content area is titled 'Permission Sets' and includes a 'Find Settings...' search bar, 'Clone', 'Delete', 'Edit Properties', and 'Manage Assignments' buttons. Below this is the 'Permission Set Overview' section, which displays a table with columns for Description, License, API Name, Namespace Prefix, Apps, Session Activation Required, and Created By. The table shows a single entry for 'Salesforce Platform' with a license of 'Salesforce Platform', namespace prefix, and created by 'umasakthi D.' on 20/04/2023 at 9:52 pm. The 'Apps' section is also visible, showing 'Assigned Apps', 'Assigned Connected Apps', 'Object Settings', and 'App Permissions'.

Milestone 9: Set up for OWD

Activity 1: Create OWD Setting

Sharing Settings | Salesforce x Login | Salesforce x Login | Salesforce x Login | Salesforce x +

thirukolanjappargovarts11-dev-ed.develop.lightning.force.com/lightning/setup/SecuritySharing/page?address=%2Fp%2Fown%2F0rgSharingDetail%3FretURL%3D%252Fsetu...

Search Setup

Setup Home Object Manager

SHARING

Security

Sharing Settings

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

Sharing Settings

Manage sharing settings for: Leads

Disable External Sharing Model

Default Sharing Settings

Organization-Wide Defaults

Object	Default Internal Access	Default External Access	Grant Access Using Hierarchies
Lead	Public Read/Write/Transfer	Private	<input checked="" type="checkbox"/>

Other Settings

Manager Groups ☐

Secure guest user record access ☒

Require permission to view record names in lookup fields ☐

Sharing Rules

Lead Sharing Rules

No sharing rules specified.

Sharing Overrides

Milestone 10: Report

Activity 1: Create Report

New Accounts Report | Salesforce x +

artsandsciencecolligerishi-dev-ed.develop.lightning.force.com/lightning/r/Report/00051000007EFQVEA0/view

Gmail YouTube Maps

Search...

Sales Home Opportunities Leads Tasks Files Accounts Contacts Campaigns Dashboards Reports Chatter Groups More

Report: Accounts

New Accounts Report

Enable Field Editing Add Chart Edit

Total Records: 12

	Last Activity	Account Owner	Account Name	Billing State/Province	Type	Rating	Last Modified Date
1	-	umasakthi D	Pyramid Construction Inc.	-	Customer - Channel	-	14/04/2023
2	-	umasakthi D	Dickenson plc	KS	Customer - Channel	-	14/04/2023
3	-	umasakthi D	Grand Hotels & Resorts Ltd	IL	Customer - Direct	Warm	14/04/2023
4	-	umasakthi D	Express Logistics and Transport	OR	Customer - Channel	Cold	14/04/2023
5	-	umasakthi D	University of Arizona	AZ	Customer - Direct	Warm	14/04/2023
6	-	umasakthi D	United Oil & Gas Corp.	NY	Customer - Direct	Hot	14/04/2023
7	-	umasakthi D	sForce	CA	-	-	14/04/2023
8	-	umasakthi D	GenePoint	CA	Customer - Channel	Cold	14/04/2023
9	-	umasakthi D	United Oil & Gas, UK	UK	Customer - Direct	-	14/04/2023
10	-	umasakthi D	United Oil & Gas, Singapore	Singapore	Customer - Direct	-	14/04/2023

To Do List

Milestone 11: Dashboard

Activity 1: Create Dashboard

4. Trailhead Profile Public URL

TEAM LEAD – D.UMA SAKTHI

<https://trailblazer.me/id/ssakthi72>

TEAM MEMBER 1- G.VIKKY <https://trailblazer.me/id/vikkg>

TEAM MEMBER 2- K.SUBASH

<https://trailblazer.me/id/kksubash>

TEAM MEMBER 3 – G.VIGNESH <https://trailblazer.me/id/vvignesh33>

5. ADVANTAGES AND DISADVANTAGE

ADVANTAGE:

A property management system is integrated into every department within a hotel, allowing you to communicate effectively with both employees or outside contractors while keeping an eye on revenue inventory, or sales. automating routine tasks can save timer for both you and your employees- housekeeping assignments, maintenance requests, reservation manifests and nightly audits are available at the touch a button.

DISADVANTAGE:

Time- consuming if you choose the wrong system.

Might seem expensive for a small business.

Training (cost and time).

6. APPLICATIONS

Application management services are an enterprise-wide endeavor providing governance designed to ensure applications run at peak performance and as efficiently as possible, from the end user experience to integration with enterprise back office functions such as database, ERP, and SaaS cloud

7. CONCLUSION

Property management system software is very crucial for all the hotels, especially opera PMS constitutes the most appropriate PMS Software for Hilton Athens. It is user friendly connects with Central Reservation System, Point of Sale etc. and provides all the tools the hotel needs in order to operate effectively. The disadvantages of the Opera PMS can be improved easily and as it was mentioned before a recommendation is the upgrade o Opera V5 to Opera9.

8. FUTURE SCOPE

The global Real Estate Management software market is geographically divided into regions such as North America, Latin America, Europe, Asia Pacific, the Middle East, and Africa. The report covers all aspects of the regional and global markets from manufacturing and customer shares to market size and market share, import and export ratios supply and demand ratios, consumer demand ratios, technological improvements and R&D activate. The report also covers strong market presence in every region.