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Enrolment Number: **23CO315 (TE-B)**

## Practical 04

**Aim:** Design and develop custom application using Salesforce cloud

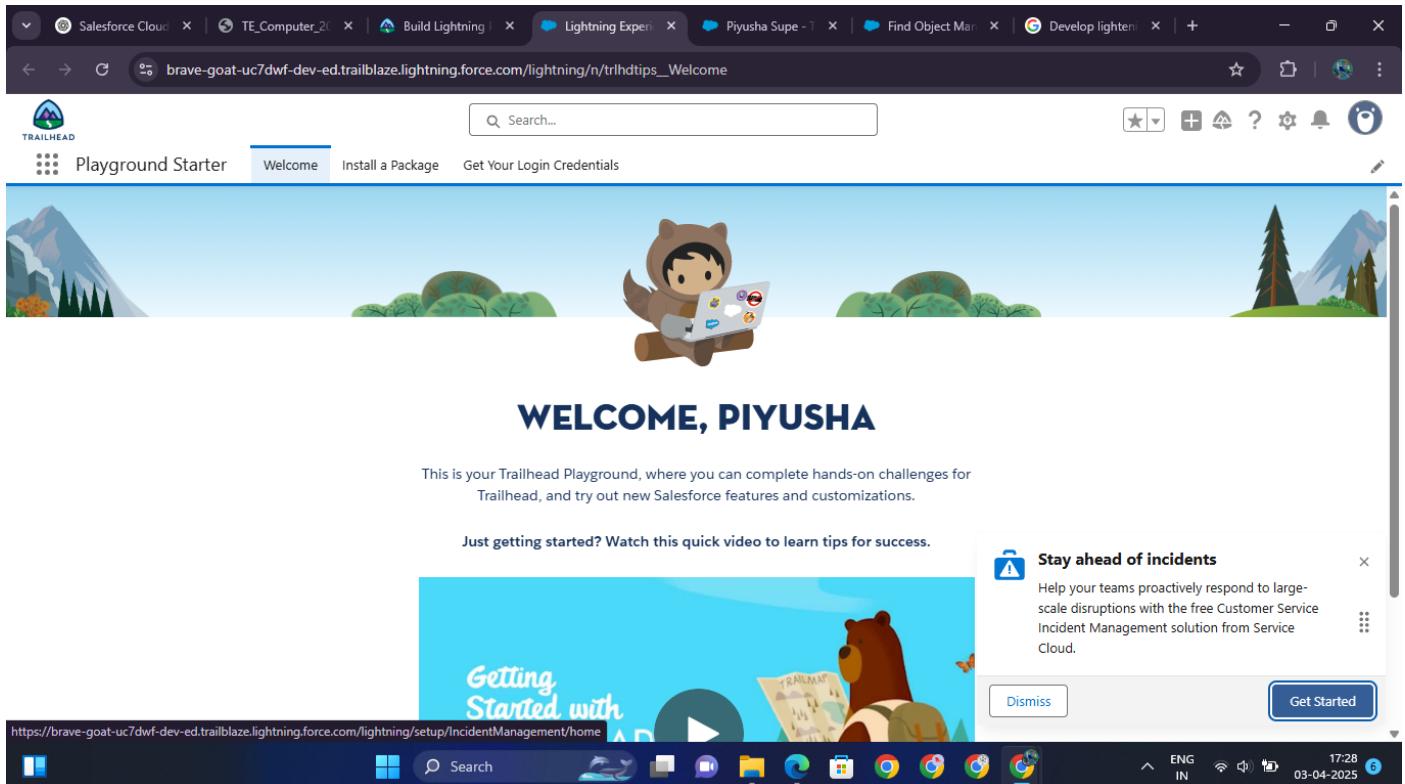
**Step 1:** Navigate to your trailhead salesforce account and search for lightening app builder

The screenshot shows the Trailhead Salesforce Cloud module. On the left, there's a sidebar with a blue header and a white body containing a circular icon with a lightning bolt, a 'Start' button, and sections for 'Skills you will gain' (with a 'Learn More' link), 'System Design and Implementation', and 'User Interface and User Experience Design'. Below this is a 'Products' section. On the right, there's a main content area with a dark header showing '+3,100 points', 'Intermediate', 'Administrator', and a timer '2 hrs 50 mins left'. Below the header is a list of tasks with duration estimates: 'Get Started with the Lightning App Builder' (~15 mins), 'Build a Custom Home Page for Lightning Experience' (~25 mins), 'Build a Custom Record Page for Lightning Experience and Salesforce Mobile App' (~25 mins), 'Get Started With Dynamic Forms' (~25 mins), 'Add Visibility Rules for Dynamic Pages' (~25 mins), 'Build an App Home Lightning Page' (~25 mins), and 'Work with Custom Lightning Components' (~30 mins). At the bottom of the page is a Windows taskbar.

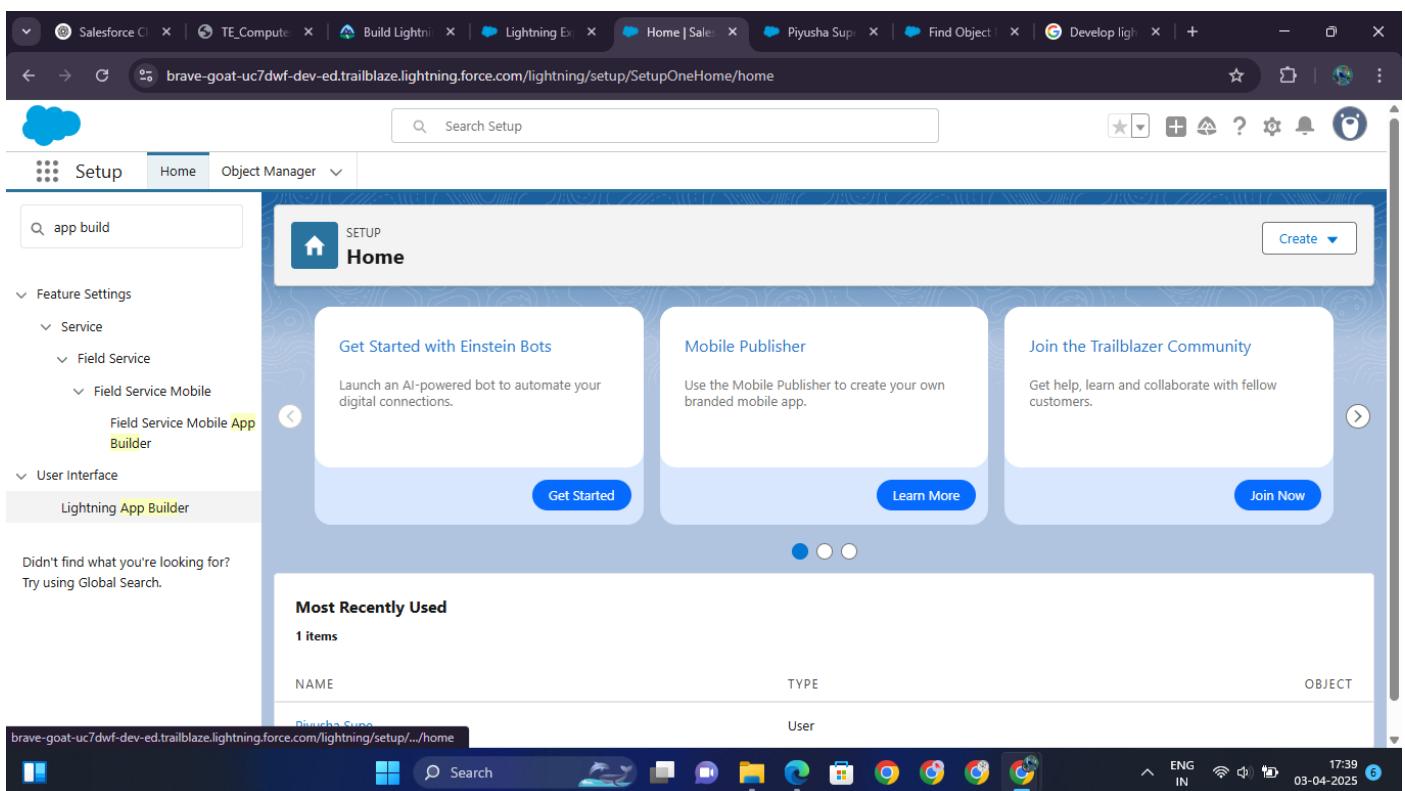
**Step 2: Launch your playground for creation of your app**

The screenshot shows the Trailhead Lightning App Builder playground. The top navigation bar includes 'Today', 'Learn', 'Community', 'Career Growth', 'Credentials', and 'Help'. The main content area has a header 'Lightning App Builder > Build an App Home Lightning Page'. It features a sidebar with 'Lead' (Activate the app, Select Activate for All Users, Add the app to the Mobile Navigation Menu), 'Need Help?' (Review common issues, Get help on the challenges), and a 'Choose hands-on org' section for 'My Trailhead Playground 1' (Created on 4/3/2025). A 'Launch' button is located in the bottom right of this section. Below the sidebar is a green button 'Check Challenge to Earn 500 Points'. To the right of the sidebar is a 'Looking for Help?' section with 'Ask the Community' and 'Share Your Feedback' buttons, and a 'Salesforce Platform Resources' section with links to 'See Salesforce Platform in action', 'Start a free Salesforce Platform trial today', and 'Learn more about Salesforce Platform'. At the bottom, there are links for 'Learn', 'Credentials', 'Community', and 'Extras', along with an 'Ask Agentforce' button. The bottom navigation bar includes a URL 'https://trailhead.salesforce.com/zh-CN/launch\_org/18639911', a Windows taskbar, and a footer 'Page 1'.

### Step 3: This will be your trailhead dashboard



### Step 4: Now open your playground through the dashboard



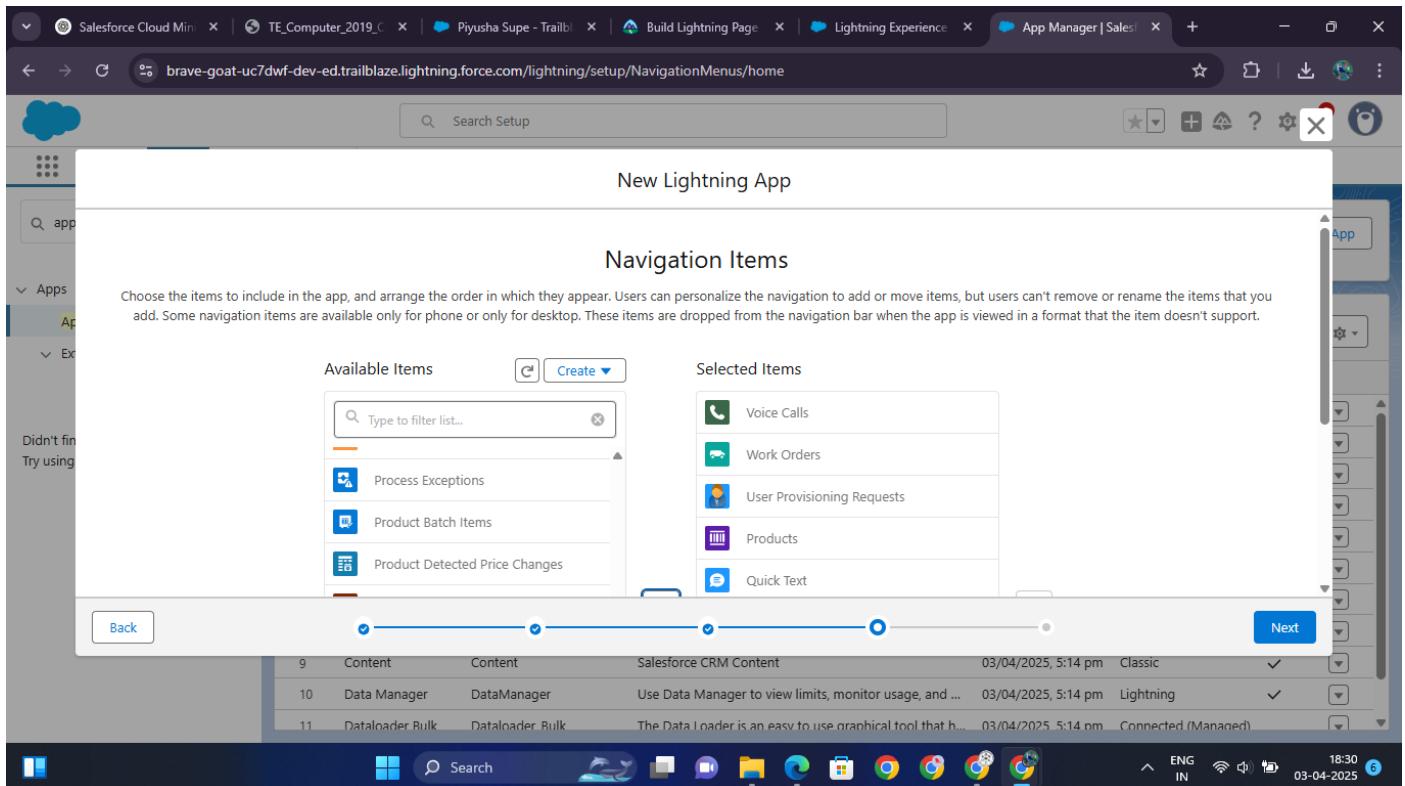
## Step 5: Navigate to the app manager of Lightning salesforce

The screenshot shows the Salesforce Lightning Experience App Manager. The search bar at the top has 'app ma' typed into it. On the left, there's a sidebar with 'Setup' selected, showing categories like Apps, External Client Apps, and a search bar. The main area is titled 'Lightning Experience App Manager' and displays a table of 30 items. The table has columns for App Name, Developer Name, Description, Last Modified, App Type, and Vi... (View). The first few rows include 'All Tabs', 'Analytics Studio', 'Ant Migration Tool', 'App Launcher', 'Approvals', 'Automation', 'Bolt Solutions', 'Community', 'Content', and 'Data Manager'. The interface is dark-themed with blue and white accents.

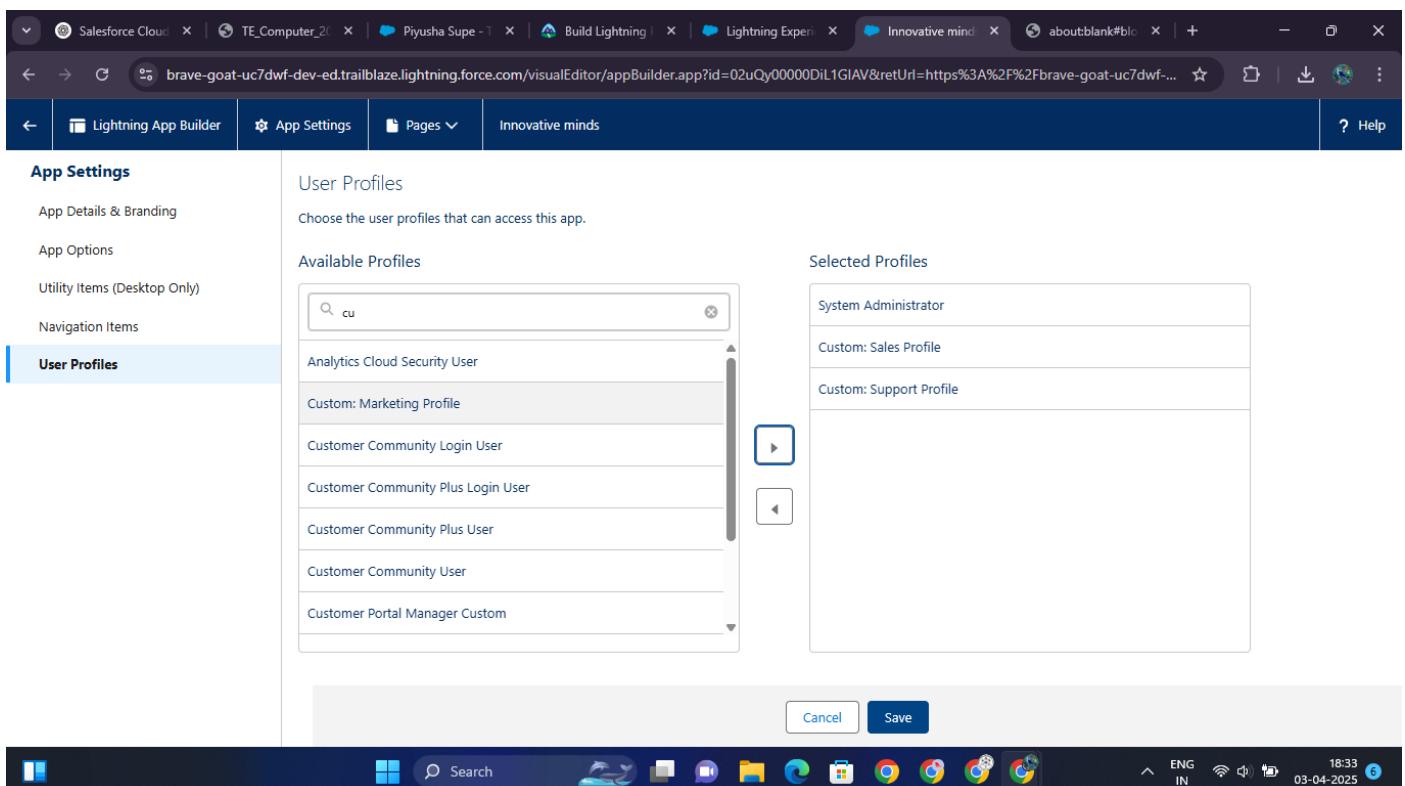
## Step 6: Click on create “new lightning app” and configure details of your app

The screenshot shows the 'New Lightning App' configuration page. The title 'New Lightning App' is at the top. Below it is the 'App Details & Branding' section. The 'App Details' part contains fields for 'App Name' (Innovative minds), 'Developer Name' (Innovative\_minds), and 'Description' (Custom lightning app). The 'App Branding' part includes a placeholder image of a butterfly and a color picker set to '#DE2BBE'. At the bottom right is a 'Next' button. The background shows the same App Manager interface as the previous screenshot, with a list of apps like All Tabs, Analytics Studio, etc.

## Step 7: select the navigation items for your custom app according to use case



## Step 8: Then select the user profiles to which you want your app to be visible (make sure system administrator is included otherwise app won't be visible in the manager)



**Step 9: Now as you can see the app is visible in app manager, open the grid of dots in the left corner and search for your app and launch it**

The screenshot shows the 'Lightning Experience App Manager' interface. On the left, there's a sidebar with a search bar and sections for 'Setup', 'Home', and 'Object Manager'. Below that is a 'Apps' section with a 'App Manager' link. A message says 'Didn't find what you're looking for? Try using Global Search.' The main area is titled 'Lightning Experience App Manager' and displays a table of 32 items. The columns are 'App Name', 'Developer Name', 'Description', 'Last Modified ...', 'App Type', and 'Vi...'. The table includes entries like 'Content', 'Data Manager', 'Dataloader Bulk', etc. At the bottom right of the table is a 'New Lightning App' button.

**Step 10: This is how the app will be launched (my app name is Innovative minds and I have entered the product in my application of product inventory)**

The screenshot shows the product record detail page for 'Robot'. The top navigation bar includes links for 'Innovative minds', 'Work Orders', 'User Provisioning Requests', 'Products', 'Quick Text', 'Accounts', 'Contacts', and a pencil icon. A green success message at the top right says 'Product "Robot" was created.' The product details are listed in two columns: 'Product Code' (87878) and 'Product Family' (None). The 'Details' tab is selected. Under 'Details', there are fields for 'Product Name' (Robot), 'Active' (checkbox checked), 'Product Family' (None), 'Created By' (Piyusha Supe, 03/04/2025, 6:37 pm), 'Last Modified By' (Piyusha Supe, 03/04/2025, 6:37 pm), and 'Product Description' (helper robot). The bottom of the screen shows a taskbar with various icons and system status.

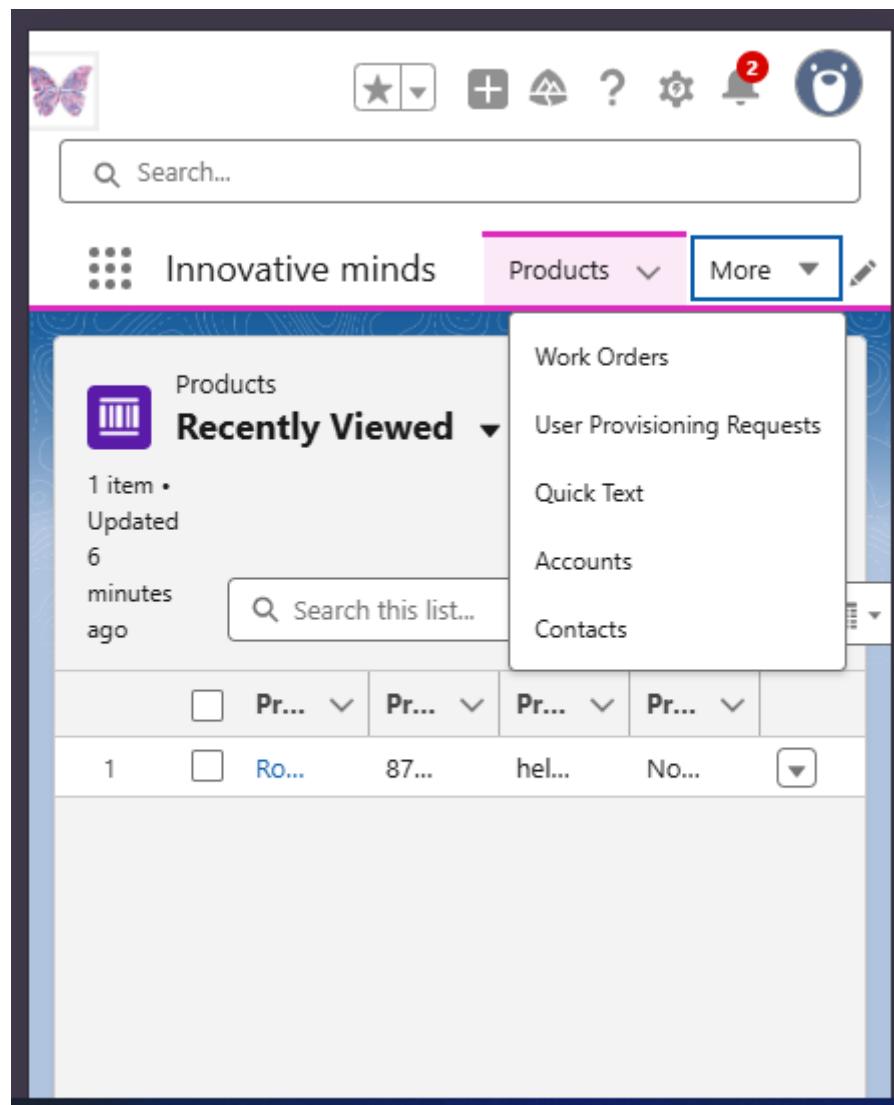
## Step 11: Here is the contact dashboard of my app

The screenshot shows the Salesforce Lightning Contact Dashboard. At the top, there are navigation links for Work Orders, User Provisioning Requests, Products, Quick Text, Accounts, and Contacts. The Contacts link is highlighted with a pink bar. Below the navigation is a search bar and a toolbar with various icons. A summary section displays 'Total Contacts' (20), activity counts (No Activity: 20, Idle: 0, No Upcoming: 0, Overdue: 0, Due Today: 0, Upcoming: 0), and filter options (Created, This Quarter, Owner, Me). The main area lists 20 items filtered by Created Date, Me, Total Contacts. Each contact entry includes a checkbox, Name, Title, Account Name, Last Activity, and a set of global action buttons (Email, Phone, etc.). The bottom of the screen shows the Windows taskbar and system tray.

## Step 12: The global actions are visible in the menu of the app

The screenshot shows the Salesforce Lightning Work Order dashboard. The top navigation bar includes Work Orders, User Provisioning Requests, Products, Quick Text, Accounts, and Contacts. The Contacts link is highlighted with a pink bar. A 'Recently Viewed' section shows 0 items updated a few seconds ago. To the right, a 'GLOBAL ACTIONS' menu is open, listing options: New Event, New Task, New Contact, Log a Call, Email, New Opportunity, New Case, and New Lead. The bottom of the screen shows the Windows taskbar and system tray.

**Step 13: This is how the app will look in a mobile interface**



**Conclusion:** Thus I have successfully implemented an application on salesforce cloud using the lightning interface of trailhead Salesforce