



Salesforce PropertyHub

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Phase 6 – User Interface Development

Lightning App Builder

Purpose: Build and customize Salesforce pages with drag-and-drop ease.

Key Features:

- Supports App Pages, Record Pages, and Home Pages.
- Allows placement of standard and custom components (LWCs, charts, related lists).
- Dynamic visibility for components based on user roles or record types.

Business Impact:

- Accelerates deployment of UI changes.
- Reduces dependency on developers for non-technical modifications.

The screenshot shows the Lightning App Builder interface. At the top, there's a navigation bar with tabs for "Lightning App Builder", "Pages", and "Real Estate Dashboard". Below the navigation is a toolbar with icons for back, forward, search, and save. The main area is divided into two sections: "Components" on the left and "Page" configuration on the right.

Components: A sidebar titled "Standard (25)" lists various components like Accordion, Chatter Feed, Chatter Publisher, CRM Analytics Collection, etc. A search bar and a filter icon are also present.

Page Configuration: This section contains fields for "Label" (set to "Real Estate Dashboard"), "API Name" (set to "Real_Estate_Dashboard"), "Page Type" (set to "App Page"), "Template" (set to "Header and Two Regions"), "Description" (set to "Property management dashboard for agents"), and an "Actions" section with a "Select..." button.

The central workspace displays a preview of the "Real Estate Dashboard" page. It includes a "Property Information" card for a "Luxury Villa" and a "Available Properties" section listing "2BHK Apartment in Pune" and "Beach House in Goa".

Record Pages

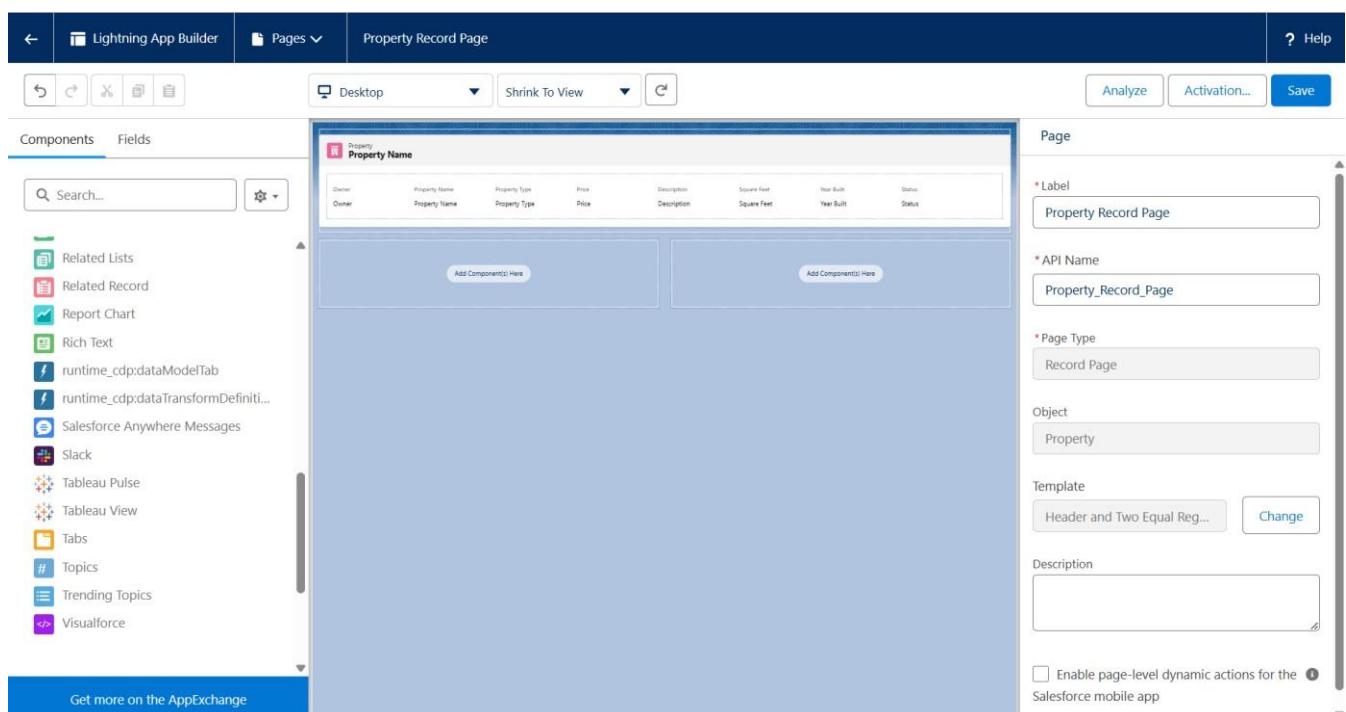
Purpose: Enhance record-level user experience by customizing layouts.

Key Features:

- Tabs, sections, related lists, and component visibility rules.
- Supports embedding LWCs for dynamic data.

Business Impact:

- Improves workflow efficiency by displaying only relevant information.
- Reduces clicks and time spent searching for data.



Tabs

Purpose: Organize and simplify navigation within Salesforce apps.

Key Features:

- Create tabs for objects, Visualforce pages, or Lightning pages.
- Supports role-based visibility and default landing tabs.

Business Impact:

- Streamlines navigation, improving user efficiency.
- Enhances adoption by providing intuitive access to key objects.

The screenshot shows the Salesforce Setup interface under the 'Tabs' section. At the top, there's a header with a gear icon labeled 'SETUP' and 'Tabs'. Below the header, the title 'Custom Tabs' is displayed. A note says 'You can create new custom tabs to extend Salesforce functionality or to build new application functionality.' Another note explains that Custom Object tabs look like standard tabs and can embed external web applications or Visualforce pages. The main area is divided into sections: 'Custom Object Tabs', 'Web Tabs', 'Visualforce Tabs', and 'Lightning Component Tabs'. The 'Custom Object Tabs' section contains three entries:

Action	Label	Tab Style	Description
Edit Del	Commissions	Stack of Cash	
Edit Del	Properties	Building	
Edit Del	Property Visits	People	

The other sections ('Web Tabs', 'Visualforce Tabs', and 'Lightning Component Tabs') are currently empty.

Home Page Layouts

Purpose: Deliver centralized dashboards with actionable insights.

Key Features:

- Components: reports, charts, tasks, and notifications.
- Supports role-specific layouts.

Business Impact:

- Users access critical KPIs immediately.
- Improves decision-making by highlighting actionable data.

The screenshot shows the Lightning App Builder interface. At the top, there are navigation tabs for 'Lightning App Builder', 'Pages', and 'Home Page'. On the right, there are buttons for 'Activation...', 'Save', and 'Help'. Below the tabs, there's a toolbar with icons for back, forward, search, and other functions. The main area is divided into sections: 'Components' on the left with a search bar and a list of standard components like Accordion, App Launcher, Assistant, etc.; 'Assistant' in the center displaying a 'Today's Events' section with a blue icon; and 'Page' settings on the right. The 'Page' settings include fields for 'Label' (Home Page), 'API Name' (Home_Page), 'Page Type' (Home Page), 'Template' (Home Template One Region), and a 'Description' field.

Utility Bar

Purpose: Provide quick access to frequently used tools.

Key Features:

- Bottom bar with tools like recent records, calculators, chat, or reports.
- Accessible throughout the app.

Business Impact:

- Improves multitasking and operational efficiency.
- Reduces time spent switching between pages.

The screenshot shows the 'App Settings' screen in the Lightning App Builder. The left sidebar has sections for 'App Details & Branding', 'App Options', and 'Utility Items (Desktop Only)'. The 'Utility Items (Desktop Only)' section is currently selected. It displays a 'Utility Items (Desktop Only)' section with a sub-section for 'Recent Items'. This section lists items like 'Report Chart', 'Notes', 'To Do List', 'History', 'Phone', 'List View', and 'Flow'. To the right, there are 'Utility Item Properties' and 'Component Properties' sections. The 'Utility Item Properties' section includes fields for 'Label' (set to 'Recent Items'), 'Icon' (set to 'fallback X'), 'Panel Width' (set to '340'), 'Panel Height' (set to '480'), and a checked checkbox for 'Start automatically'. The 'Component Properties' section has a 'Label' field set to 'Custom'.

Lightning Web Components (LWC)

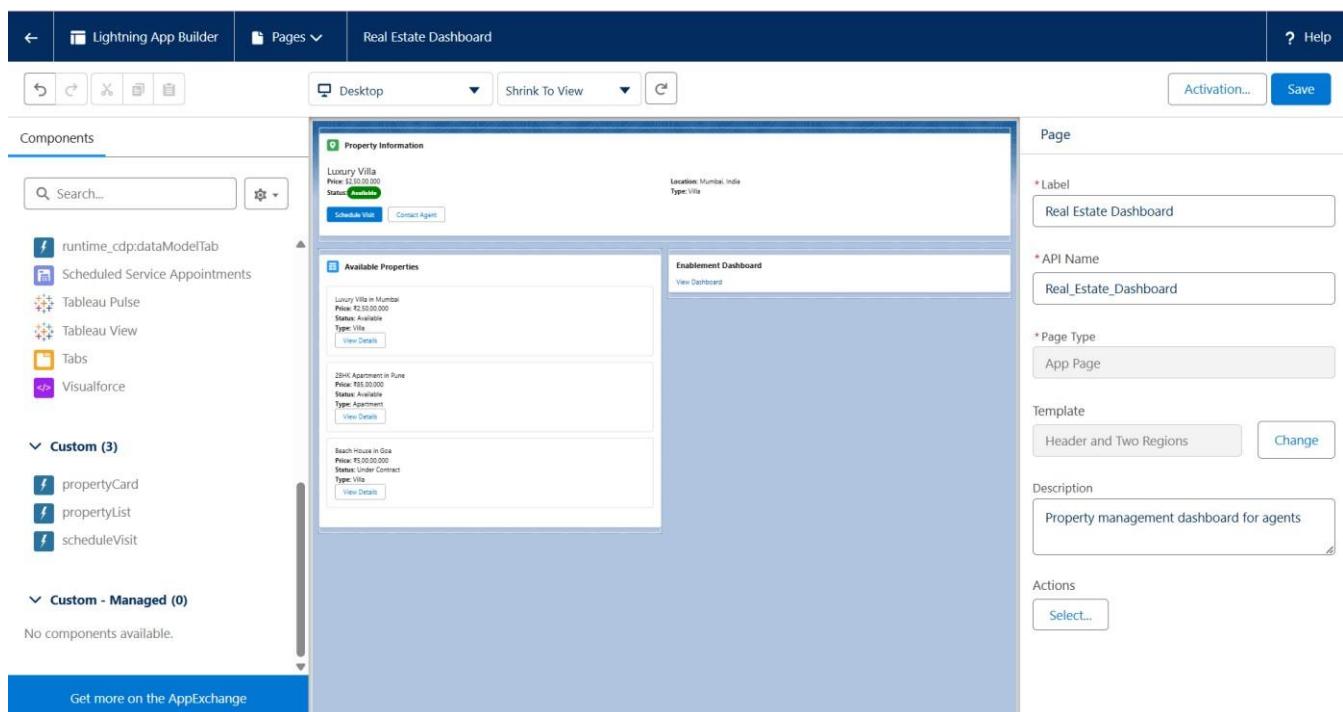
Purpose: Build modern, reusable, and high-performance components.

Key Features:

- Modular and lightweight.
- Reactive properties and data binding.
- Can integrate with Apex, events, and navigation services.

Business Impact:

- Enhances user experience with dynamic, interactive elements.
- Improves scalability and maintainability of UI components.



Apex Integration with LWC

Purpose: Connect UI components with backend logic for dynamic data operations.

Key Features:

- Imperative Apex calls for user-triggered operations.
- Wire adapters for reactive data fetching.

Business Impact:

- Enables real-time, data-driven UI interactions.
- Reduces manual data handling and improves reliability.

Salesforce Property

SETUP Apex Classes

Apex Class PropertyService

Help for this Page

Apex Class Detail

Name	PropertyService	Status	Active
Namespace Prefix		Code Coverage	0% (0/28)
Created By	Sushmita Katariya , 9/13/2025, 9:29 AM	Last Modified By	Sushmita Katariya , 9/14/2025, 12:10 PM

Class Body

```

1 public class PropertyService {
2
3     public static List<Property__c> getAvailableProperties(String city, Decimal minPrice, Decimal maxPrice, Integer bedrooms) {
4         String query = 'SELECT Id, Name, Address__c, City__c, Price__c, Bedrooms__c, Bathrooms__c, ' +
5             'Square_Feet__c, Property_Type__c, Status__c, Listing_Date__c ' +
6             'FROM Property__c ' +
7             'WHERE Status__c = \'Available\'';
8
9         List<String> conditions = new List<String>();
10
11        if (String.isNotBlank(city)) {
12            conditions.add('City__c = :city');
13        }
14        if (minPrice != null) {
15            conditions.add('Price__c >= :minPrice');
16        }
17        if (maxPrice != null) {
18            conditions.add('Price__c <= :maxPrice');
19        }
}

```

Events in LWC

Purpose: Enable component-to-component communication.

Key Features:

- Custom events (child → parent).
- Lightning Message Service for cross-component communication.

Business Impact:

- Supports modular design.
- Allows **multiple** components to react to user actions dynamically.

orgfarm-7e4187d82d-dev-ed.develop.lightning.force.com/lightning/page/home

Click Me

Today's Events

Event received: Hello from child!

OK

Nothing needs your attention right now. Check back later.

View Calendar

Recent Items Report Chart To Do List History History List View Flow

Wire Adapters Purpose: Reactive data fetching in LWCs. Key Features:

- Automatic updates when data changes in Salesforce.
- Can connect to standard objects or Apex methods.

Business Impact:

- Reduces coding complexity.
- Ensures UI always displays fresh and accurate data.

The screenshot shows a Salesforce LWC interface. At the top, there's a navigation bar with links for Accounts, Contacts, Dashboards, Customers, Leads, People, Paused Flows, Home, and More. A search bar is also present. The main content area has a heading 'List of Properties' and a table displaying five rows of property data:

Property Name	Status	Price
Greenwood Villa	Available	\$750000
Sunset Apartments	Available	\$550000
Grand Hotels & Resorts Ltd	Available	\$3500000
3BHK Apartment Gurgaon	Available	\$6500000
Luxury Villa Delhi	Available	\$8500000

At the bottom of the component, there's a button labeled 'Click Me' and a footer with links for Recent Items, Report Chart, To Do List, History, List View, and Flow.

Imperative Apex Calls

Purpose: Execute Apex methods manually from LWC for complex operations.

Business Impact:

- Full control over backend logic.
- Enables dynamic actions triggered by users, such as property searches or updates.

Navigation Service

Purpose: Programmatically navigate between Salesforce pages.

Key Features:

- Navigate to record pages, lists, objects, or external URLs.
- Works with buttons, links, or programmatic events.

Business Impact:

- Simplifies workflow and reduces clicks.
- Enhances user efficiency and experience.

The screenshot shows the Salesforce PropertyHub home page. At the top, there is a search bar and a navigation bar with links for Accounts, Contacts, Dashboards, Customers, Leads, People, Paused Flows, Home, More, and a bell icon with a '2' notification. Below the navigation bar, there is a section titled "Navigation Example" with buttons for "Go to Record Page" and "Go to Salesforce Website". The main content area has a heading "Today's Events" with a blue graphic of a sun over mountains and birds. Below the graphic, it says "Looks like you're free and clear the rest of the day." and a "View Calendar" button. At the bottom of the page, there is a footer with links for Recent Items, Report Chart, To Do List, History, List View, and Flow.

→ **Next Steps: Phase 7 – Reporting & Analytics**

- Build custom dashboards for property and lead tracking.
- Implement report subscriptions and alerts.
- Enable real-time analytics for informed decision-making.