

# Phase 6: User Interface Development

## 1. Lightning App Builder

- Go to Setup → App Manager → **New Lightning App**
- Name of the **app Smart BioTech Lab**
- Add navigation items: **Home, Dashboards, Doctor, Patients, Genetic Tests, Hospital Partners, Reports, Samples**
- Assign to profiles and **Finish**.

The screenshot shows the 'App Details & Branding' configuration page in the Lightning App Builder. The left sidebar lists 'App Settings' with sub-items: 'App Details & Branding' (selected), 'App Options', 'Utility Items (Desktop Only)', 'Navigation Items', and 'User Profiles'. The main content area is titled 'App Details & Branding' and includes a description: 'Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.' It is divided into two sections: 'App Details' and 'App Branding'. In 'App Details', the 'App Name' is 'Smart BioTech Lab' and the 'Developer Name' is 'Smart\_BioTech\_Lab'. The 'Description' is 'Smart BioTech CRM streamlines patient, test, and lab management with secure,'. In 'App Branding', an image of a bio-tech lab is uploaded, and the 'Primary Color Hex Value' is '#19264B'. Below these is the 'Org Theme Options' section with a checkbox 'Use the app's image and color instead of the org's custom theme' which is unchecked. At the bottom is an 'App Launcher Preview' showing the app icon and name.

The screenshot shows the 'Navigation Items' configuration page in the Lightning App Builder. The left sidebar is the same as the previous screenshot, with 'Navigation Items' selected. The main content area is titled 'Navigation Items' and includes a description: 'Choose the items to include in the app, and arrange the order in which they appear. Users can personalize the navigation to add or move items, but users can't remove or rename the items that you add. Some navigation items are available only for phone or only for desktop. These items are dropped from the navigation bar when the app is viewed in a format that the item doesn't support.' It is divided into two sections: 'Available Items' and 'Selected Items'. The 'Available Items' section has a search bar and a list of items including 'Accounts', 'Activation Targets', 'Activations', 'All Sites', 'Alternative Payment Methods', 'Analytics', 'App Launcher', 'Appointment Categories', 'Appointment Invitations', 'Approval Requests', and 'Personal Information Profile'. The 'Selected Items' section shows a list of items that have been added to the navigation bar: 'Dashboards', 'Payments', 'Genetic Tests', 'Hospital Partners', 'Samples', 'Patients', 'Doctors', 'Reports', and 'Home'. Arrows on the right side of the 'Selected Items' list allow for reordering.

## 2. Record Pages

- Custom layouts for specific object records (**Patient, Doctor, Genetic Test, Sample, etc**).
- You can decide what **fields, related lists, and components** appear.

## Smart BioTech Lab Example:

**Patient Record Page:** Show patient details, ID, and recommended information.

The screenshot shows the 'Patient Record Page' for 'Patient@1'. The page is divided into two main sections: 'Details' and 'Activity'.

**Details Section:**

- Related:** Patient Name, Patient ID, Address, First Name, Last Name, DOB, Phone, Insurance Number, Gender, Email.
- Owner:** Ashwin Raut.
- Created By:** Ashwin Raut, 9/24/2025, 2:26 PM.
- Last Modified By:** Ashwin Raut, 9/24/2025, 2:26 PM.

**Activity Section:**

- Upcoming & Overdue:** No activities to show. Get started by sending an email, scheduling a task, and more.
- No past activity:** Past meetings and tasks marked as done show up here.

The page includes a navigation bar with links to Home, Dashboards, Doctors, Patients, Genetic Tests, Hospital Partners, Samples, and Reports. A search bar is located at the top right.

**Doctor Record Page:** Show Doctor details, required information.

The screenshot shows the 'Doctor Record Page' in the Smart BioTech Lab system. The page displays a list of doctors under the 'Recently Viewed' tab.

Doctor Name	
1 Dr. Alex	
2 Dr. Anjali Kapoor	
3 Dr. Ram	
4 Dr. AJ	
5 Dr. Pranay	
6 Dr. Bean	
7 Dr. AMR	

The page includes a navigation bar with links to Home, Dashboards, Doctors, Patients, Genetic Tests, Hospital Partners, Samples, and Reports. A search bar is located at the top right.

## Samples Record Page: Show Name, ID, Type, Status, Date.

The screenshot shows the 'Samples' record page for 'SMP-0001' in the 'Smart BioTech Lab' app. The page has a top navigation bar with a search bar and a menu with items: Home, Dashboards, Doctors, Patients, Genetic Tests, Hospital Partners, Samples (selected), and Reports. Below the navigation bar, the record header shows 'Sample SMP-0001' with buttons for 'New Contact', 'Edit', and 'New Opportunity'. The main content area is divided into two sections: 'Details' and 'Activity'. The 'Details' section lists fields: Sample Name (SMP-0001), Sample ID (SMP-20250901-001), Test (BRCA1/2 Panel), Sample Type (Blood), Collection Date (9/24/2025, 11:45 AM), Status (Collected), and Lab Staff Email. The 'Activity' section shows a list of activities with filters for 'All time', 'All activities', and 'All types'. Below the activity list, there is a section for 'Upcoming & Overdue' which currently shows no activities.

## 3. Tabs

- Setup → **App Manager** → Edit Smart BioTech Lab → Navigation Items.
- Add or reorder tabs (**Patient, Doctor, Genetic Tests, Samples**).
- **Save.**

The screenshot shows the 'Setup Tabs' page in Salesforce. The left sidebar has a search bar for 'tabs' and a list of tabs: 'User Interface' (selected), 'Rename Tabs and Labels', and 'Tabs'. The main content area is titled 'Custom Tabs' and includes a 'New' button and a 'What is This?' link. Below this, there is a table of 'Custom Object Tabs' with columns for Action, Label, Tab Style, and Description. The table lists several tabs: Doctors, Genetic Tests, Hospital Partners, Patients, Reports, Samples, and Students, each with a corresponding tab style icon and name.

Action	Label	Tab Style	Description
Edit   Del	Doctors	Airplane	
Edit   Del	Genetic Tests	Factory	
Edit   Del	Hospital Partners	Stack of Cash	
Edit   Del	Patients	Hands	
Edit   Del	Reports	Bridge	
Edit   Del	Samples	Jewel	
Edit   Del	Students	Airplane	