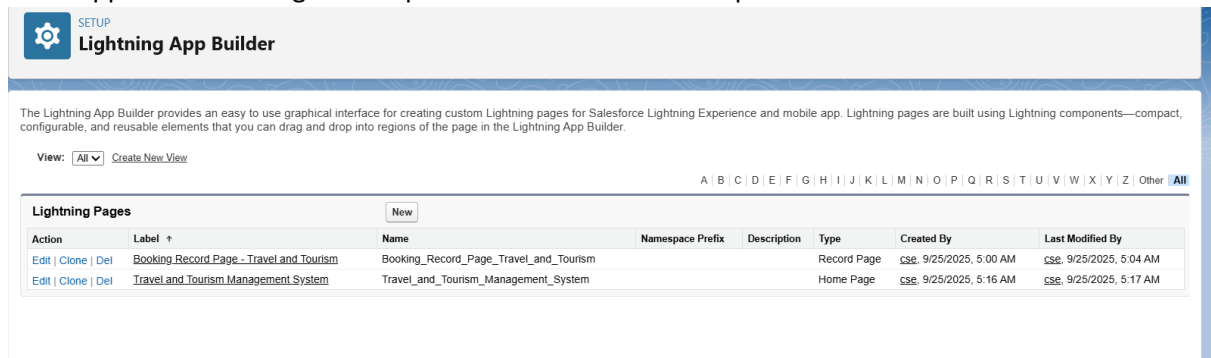


## Phase 6: User Interface Development

### Travel & Tourism Management System

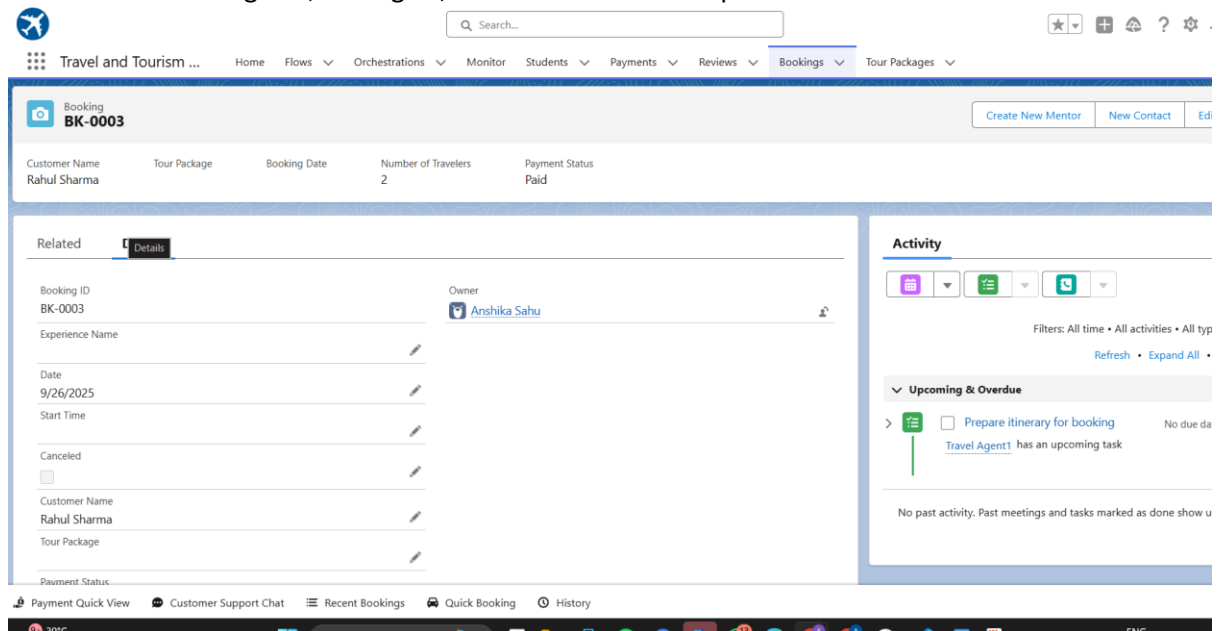
#### 1. Lightning App Builder

- Created custom Lightning Pages for key objects like Booking and Tour Package.
- Designed flexible page layouts enabling role-specific visibility and component arrangement.
- Used App Builder to drag and drop standard and custom components.




#### 2. Record Pages

- Customized Record Pages for better data presentation.
- Included related lists, highlights panel, and custom components.
- Tailored for Travel Agents, Managers, and Customer Service profiles.



#### 3. Tabs

- 

SETUP

Tabs

## Custom Tabs







You can create new custom tabs to extend Salesforce functionality or to build new application functionality.

Custom Object tabs look and behave like the standard tabs provided with Salesforce. Web tabs allow you to embed external web applications and content within the Salesforce window. Visualforce tabs allow you to embed Visualforce pages. Lightning Component tabs allow you to add Lightning components to the navigation menu in Lightning Experience and the mobile app. Lightning Page tabs allow you to add Lightning Pages to Lightning Experience and the mobile app.

Custom Object Tabs

New

What Is This?

Action	Label	Tab Style	Description
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">Bookings</a>	 Camera	
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">Mentors</a>	 Hexagon	
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">Payments</a>	 People	
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">Reviews</a>	 Box	
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">Students</a>	 Chess piece	
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">Tour Packages</a>	 Map	

Web Tabs

New

What Is This?

No Web Tabs have been defined

Visualforce Tabs

New

What Is This?

- Created role-specific Home Pages featuring dashboards and key reports.
- Embedded key metrics like bookings today, pending payments, upcoming travels.
- Configured widgets for quick actions and notifications.

[illegible]

## 5. Utility Bar

- Enabled utility bar with tools like Recent Bookings, Quick Note, and Help.
  - Added deployment-specific tools for quick access during travel operations.
- 

## **6. Lightning Web Components (LWC)**

- Developed LWCs for booking entry wizards, payment tracking, and review submissions.
  - Created event-driven components facilitating real-time updates.
  - Used Apex controllers for server-side logic interaction.
- 

## **7. Apex with LWC**

- Integrated Apex methods with LWC components using `@AuraEnabled`.
  - Enabled complex business logic and data manipulation in LWCs.
  - Optimized API calls for performance.
- 

## **8. Events in LWC**

- Used custom events to communicate between parent and child components.
  - Implemented message channels for cross-component communication.
- 

## **9. Wire Adapters**

- Used wire adapters to connect LWCs with Salesforce data reactively.
  - Enabled automatic data refresh when records are updated.
- 

## **10. Imperative Apex Calls**

- Employed imperative Apex calls for actions requiring immediate user interaction.
  - Used in booking confirmation and payment processing components.
- 

## **11. Navigation Service**

- Implemented navigation service in LWCs for lightning page navigation.
- Included navigation to related records, web pages, and internal components.