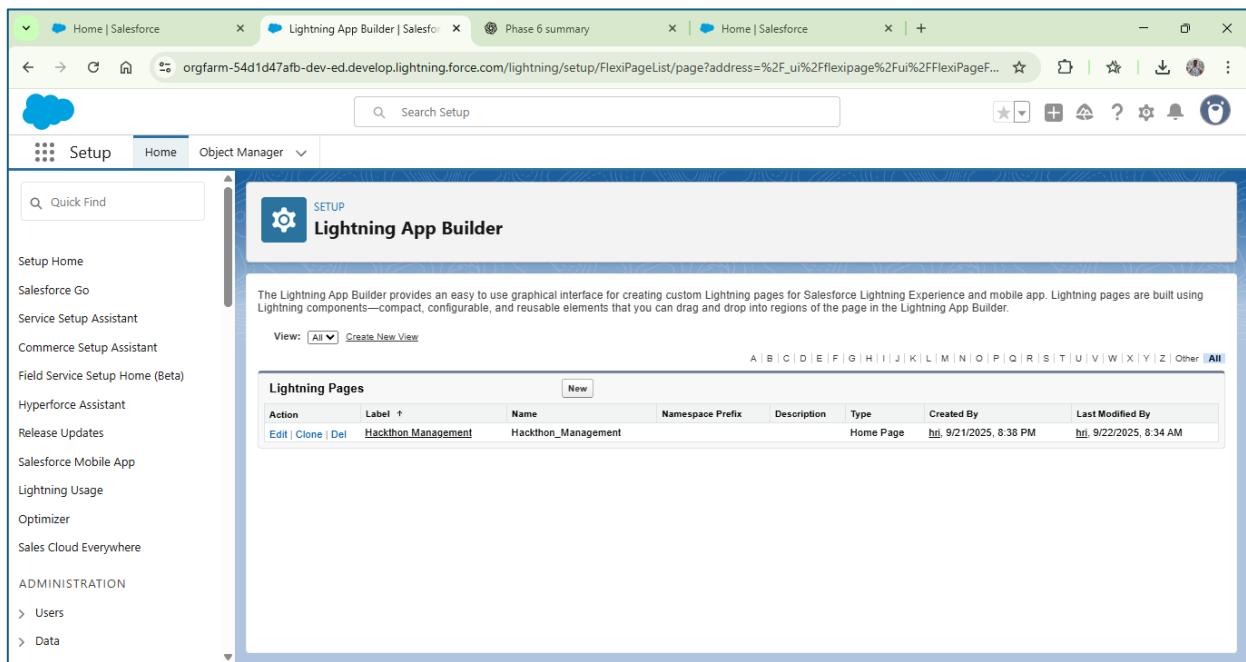


# Phase 6: User Interface Development

## 1. Lightning App Builder: Custom Hackathon App

- Created a **dedicated Hackathon App** inside Salesforce.
- Configured the **app navigation** with tabs for:
  - Events
  - Teams
  - Mentors & Judges
  - Leaderboard
  - Results Tracker
- This app serves as the **central hub** for event management and participant interaction.



## 2. Record Pages

We designed custom record pages for key entities to display relevant data in a structured way.

- **Event Page**
  - Displays event details (name, schedule, description).
  - Shows related lists for participating teams, assigned mentors, and judges.
  - Integrated quick navigation to Event Schedule (via navigation service).
- **Team Page**
  - Displays team information (members, assigned mentor, track/rounds).
  - Shows progress in current hackathon rounds.
- **Mentor & Judge Pages**

- Provides mentors and judges a single view of their assigned teams.
  - Includes related actions like giving feedback or entering scores.
- 

### 3. Lightning Web Components (LWC)

We built custom LWCs to make the system more interactive and user-friendly:

#### ◆ Registration Form

- Front-end form for participant signup.
- Collects participant details (name, email, skillset).
- Automatically associates participants with teams (based on automation in earlier phases).

#### ◆ Team Dashboard

- Central view for participants to see their:
  - Team details (members, mentor).
  - Current round status and progress.
- Interactive and real-time updates through Salesforce data.

#### ◆ Leaderboard

- Displays rankings of all teams.
- Rankings are updated dynamically based on scores entered by judges.
- Provides a transparent view of team performance for organizers and participants.

#### ◆ Result Tracker

- Tracks results **per round** of the hackathon.
  - Judges/mentors can enter scores.
  - Participants can view their results and progress to next rounds.
- 

### 4. Navigation Service

- Integrated **Salesforce Navigation Service** to improve user flow.
- Example:
  - From the Registration Form → redirect to **Team Dashboard**.
  - From Team Dashboard → navigate to **Event Schedule** page.

This ensures smooth transitions and a guided experience for users.

The screenshot shows a web browser window with four tabs open:

- Hackathon Management - Lig... (active tab)
- Phase 6 summary
- PHASE 02
- Home | Salesforce

The main content area displays the "Hackathon Organiz..." page. At the top, there is a search bar and a navigation menu with links: Home, Accounts, Contacts, Registrations, Events, Teams, Participants, Mentors, Judges, Rounds, and More.

**Welcome to the Hackthon Management System !!**

**Guidelines**

**Before the Hackathon**

- Understand the Theme and Problem:** Get a clear understanding of the hackathon's theme and the specific problem you need to solve to create a relevant and innovative solution.
- Form a Diverse Team:** Assemble a team with diverse skills, including domain expertise, frontend development, backend development, and project management, to cover all aspects of the project.
- Prepare Your Tools:** Ensure you have the necessary tools and that your team is proficient with them, such as version control (GitHub), design tools (Figma), and presentation software.

**During the Hackathon**

- Focus on the MVP:** Prioritize building the core functionality of your project to create a working prototype rather than trying to implement every feature.
- Communicate and Collaborate:** Maintain open and effective communication within your team and be open to seeking help from mentors and organizers.
- Manage Your Time:** Adhere to the strict time limits, ensuring that you allocate your time effectively across coding, testing, and presentation preparation.

**Today's Events**

9:00 AM Hackthon 2025  
9/22/2025 10:00 AM

[View Calendar](#)

**All Approval Submissions**

**All** All Approval Submissions More

There's nothing in All Approval Submissions yet. When records are added to this list view, you'll see them here.

**Recent Records**