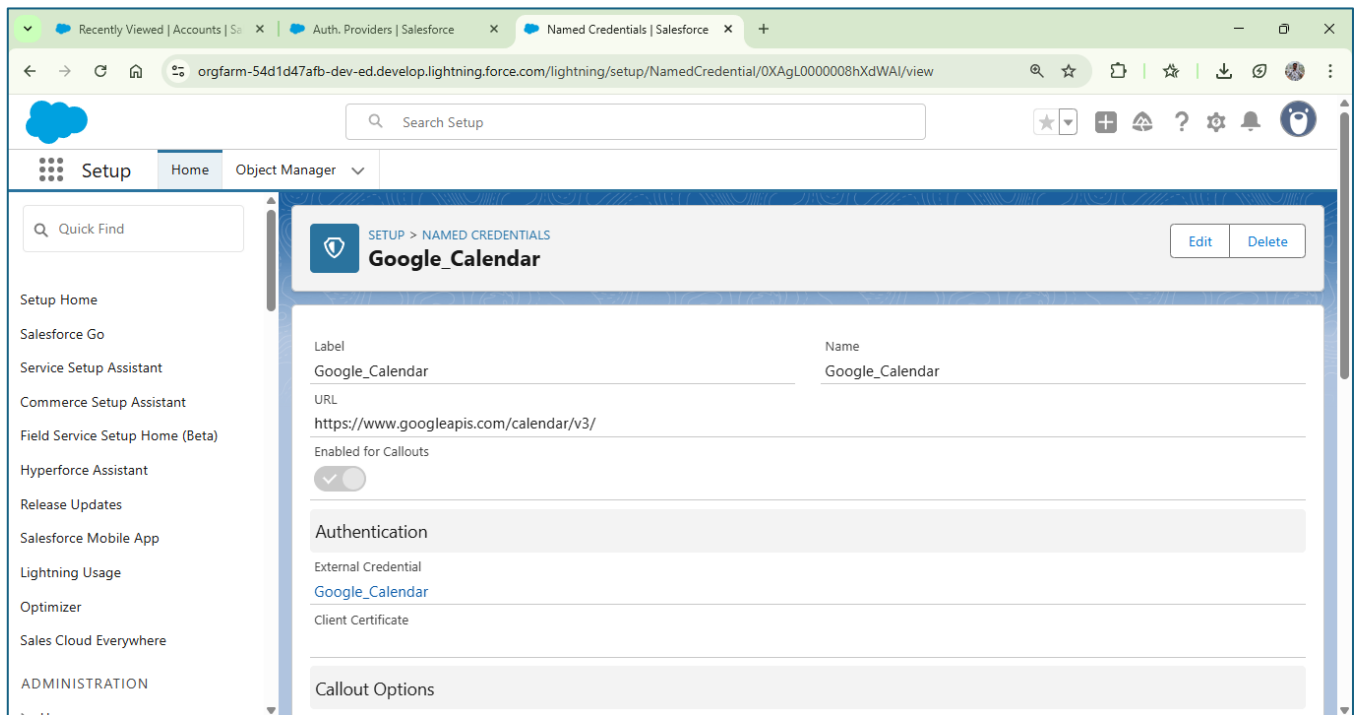


# Phase 7: Integration & External Access

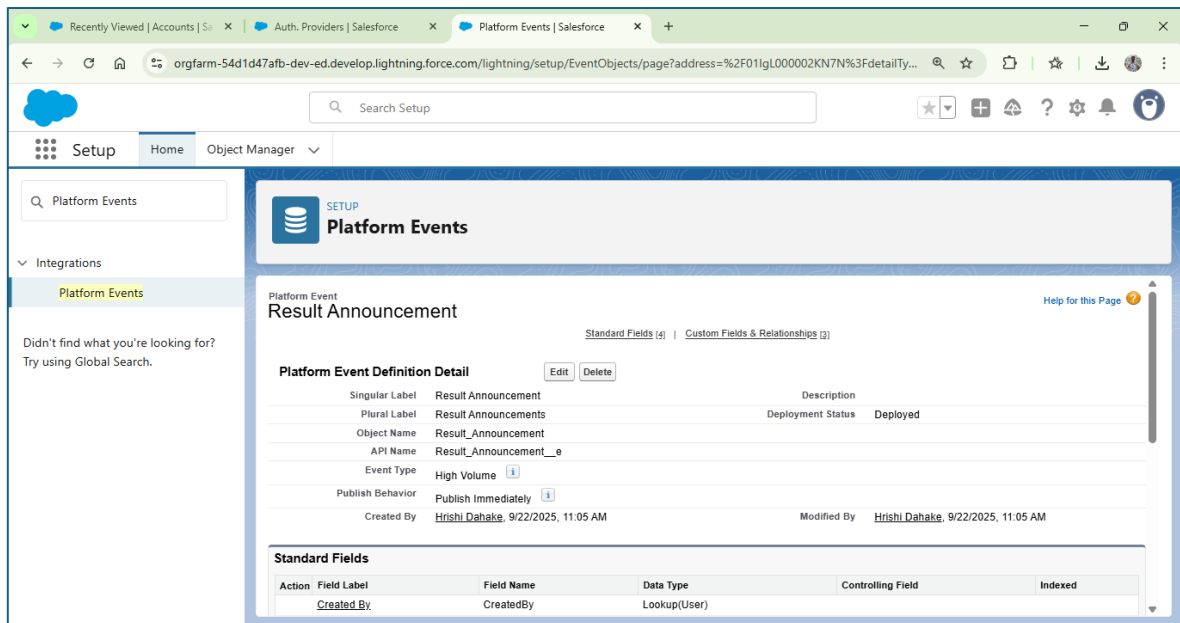
## 1. Named Credentials: Google Calendar API Integration

- Configured **Named Credentials** in Salesforce to securely connect with the **Google Calendar API**.
- Use case: Automatically **schedule hackathon events, workshops, and rounds** on Google Calendar.
- Benefits:
  - Participants receive calendar invites directly.
  - Organizers can manage schedules without manual duplication.



## 2. Platform Events: Real-Time Notifications

- Created **Platform Events** in Salesforce to announce results and important updates.
- Example flows:
  - When a round ends, trigger an event → notify participants via **email or in-app notification**.
  - Notify mentors/judges when new scores are submitted.
- Benefits:
  - Ensures **instant communication** without manual intervention.
  - Enhances participant engagement and transparency.



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## Outcomes of Phase 7

By completing Phase 7, we:

- Enabled **real-time integration** with external tools like Google Calendar.
  - Implemented **Platform Events** for instant notifications to participants, mentors, and judges.
  - Connected Salesforce to **external sponsor databases** using Salesforce Connect.
  - Enhanced overall **system interactivity, transparency, and automation**, making the hackathon experience smoother for all stakeholders.
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