

# Phase 3 : Data Modeling & Relationships - Completion Report

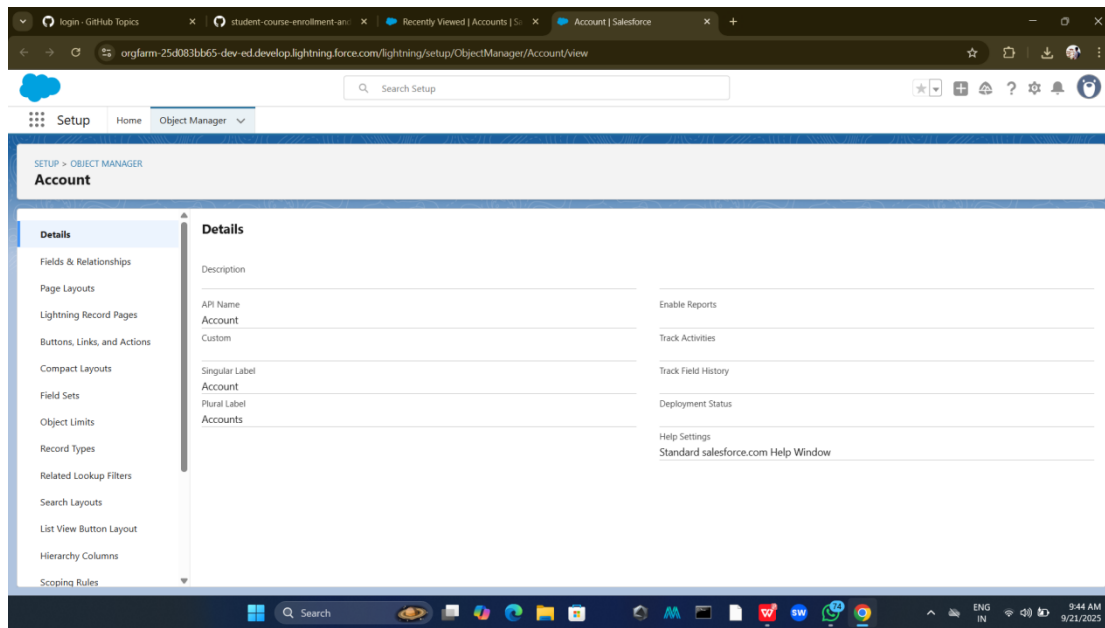
## 1. Standard & Custom Objects

☞ *Process Flow: Setup → Object Manager → New Custom Object → Add Fields. All*

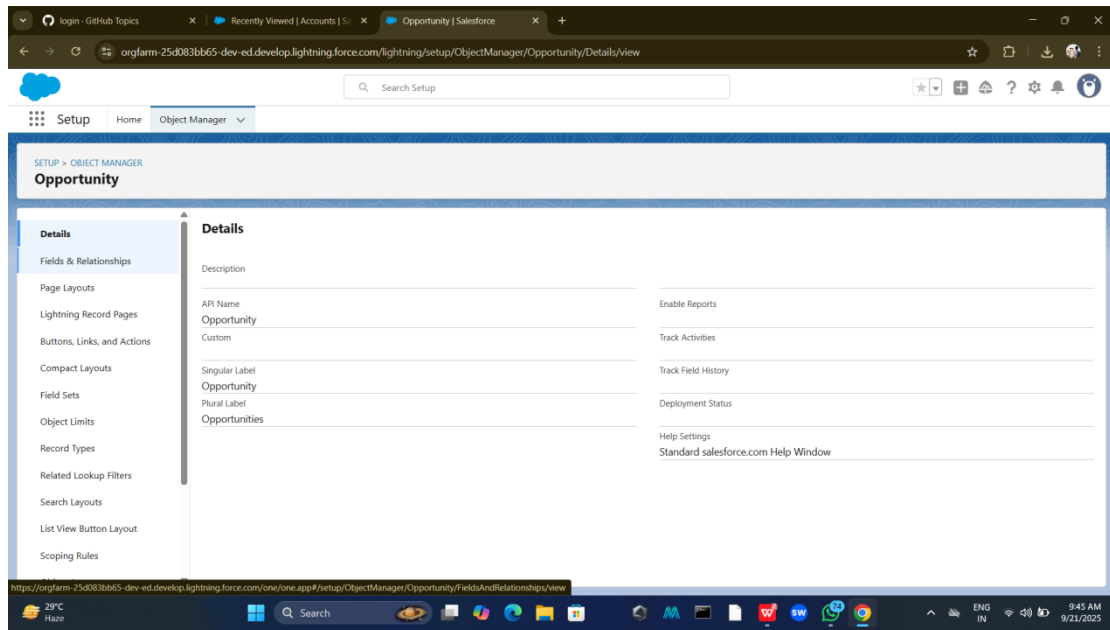
*objects configured in a similar manner, with respective fields as listed*

*Standard Objects :*

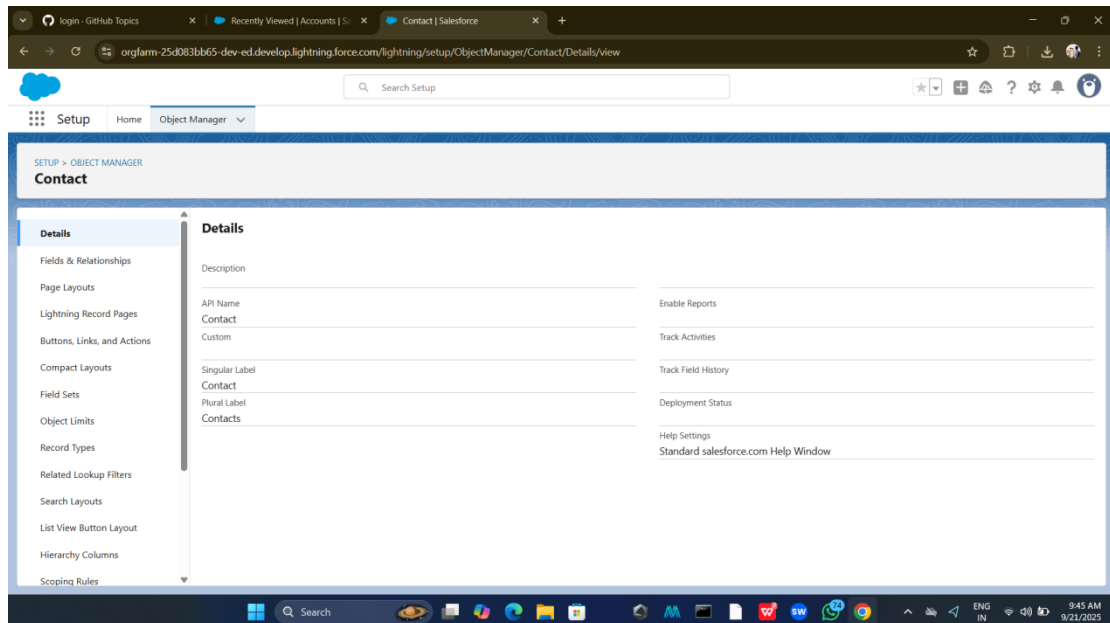
*Account (used for buyer or farmer cooperatives)*



*Opportunity (used for Deals between Farmer & Buyer)*

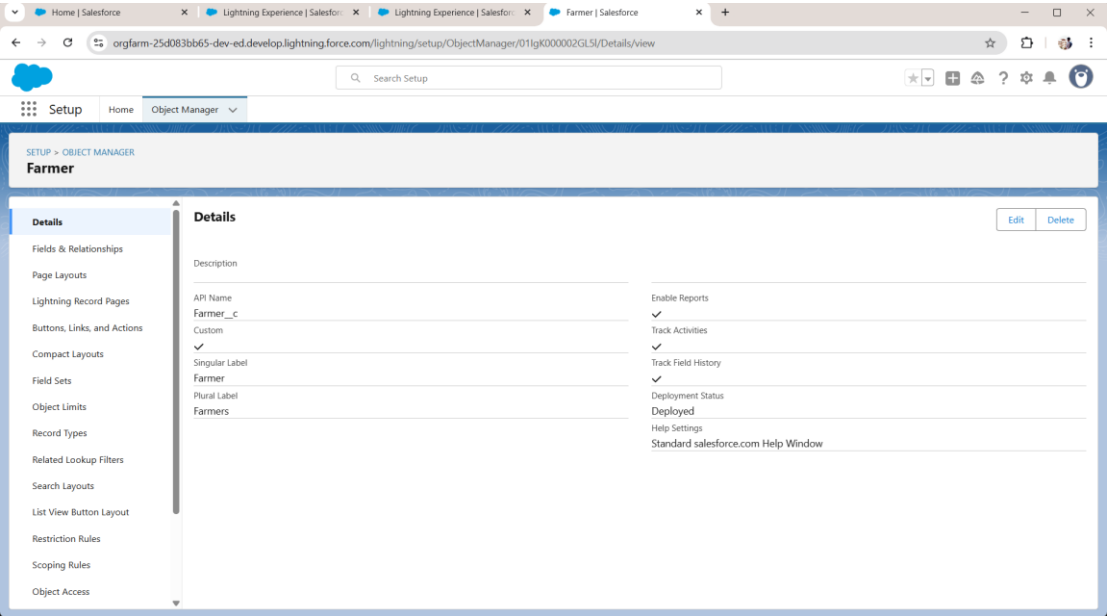


*Contact (used for individual Farmer and Buyer)*



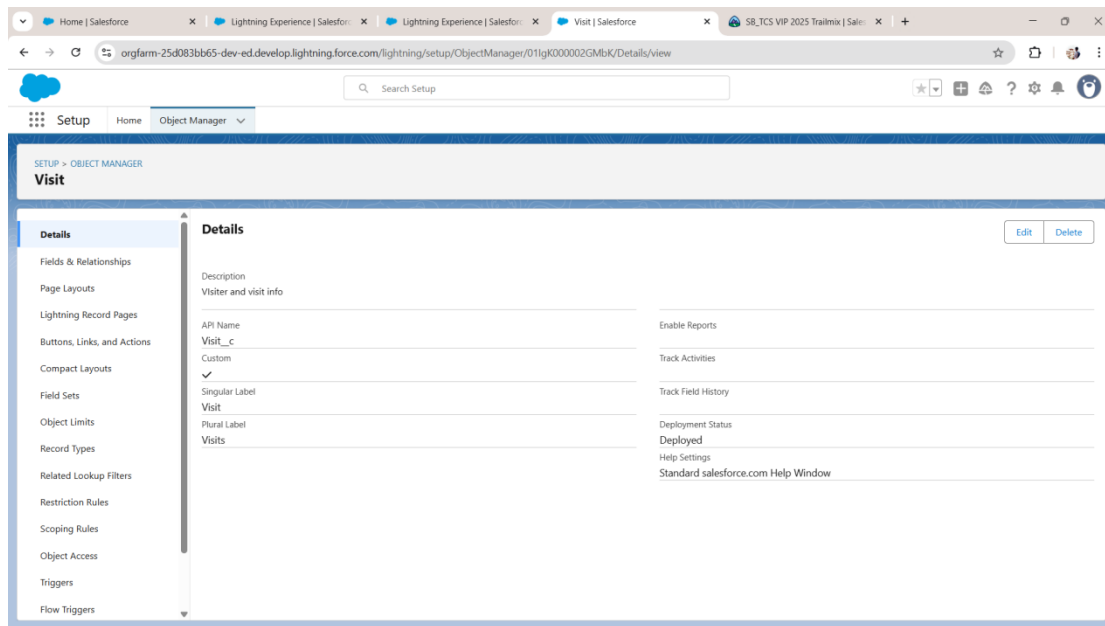
Custom Objects :

Farmer\_c



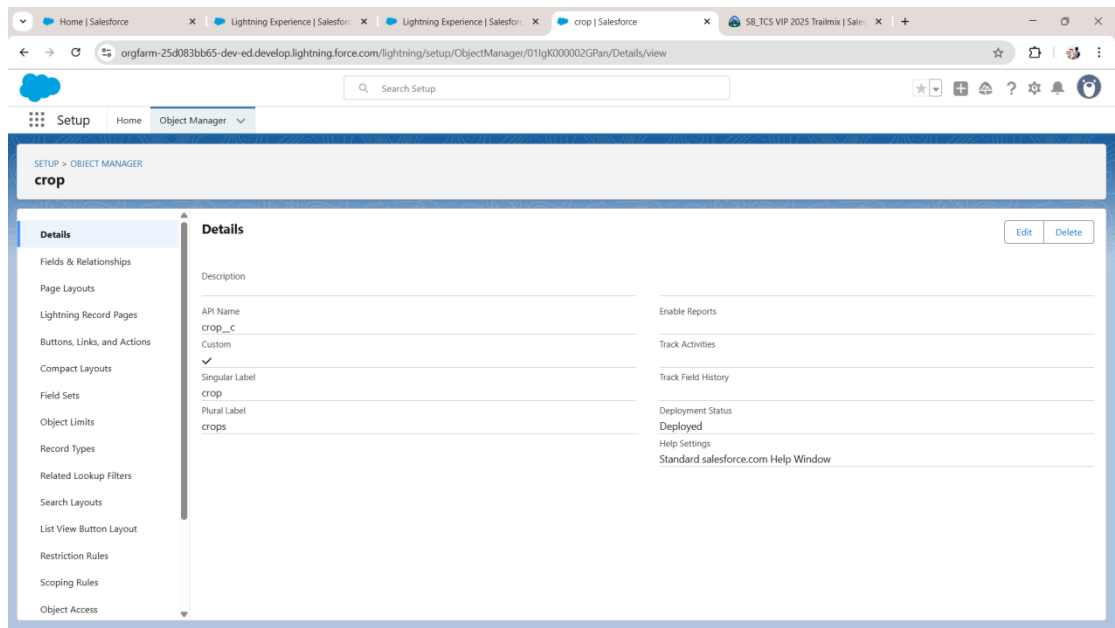
| FIELD LABELSORTED ASCENDING | SORTFIELD NAME   | SORTDATA TYPE      |
|-----------------------------|------------------|--------------------|
| Address                     | Address__c       | Text Area(255)     |
| Created By                  | CreatedById      | Lookup(User)       |
| crop                        | crop__c          | Picklist           |
| Farmer Name                 | Name             | Text(80)           |
| Last Modified By            | LastModifiedById | Lookup(User)       |
| Owner                       | OwnerId          | Lookup(User,Group) |
| Phone_Number                | Phone_Number__c  | Phone              |

Visits\_c



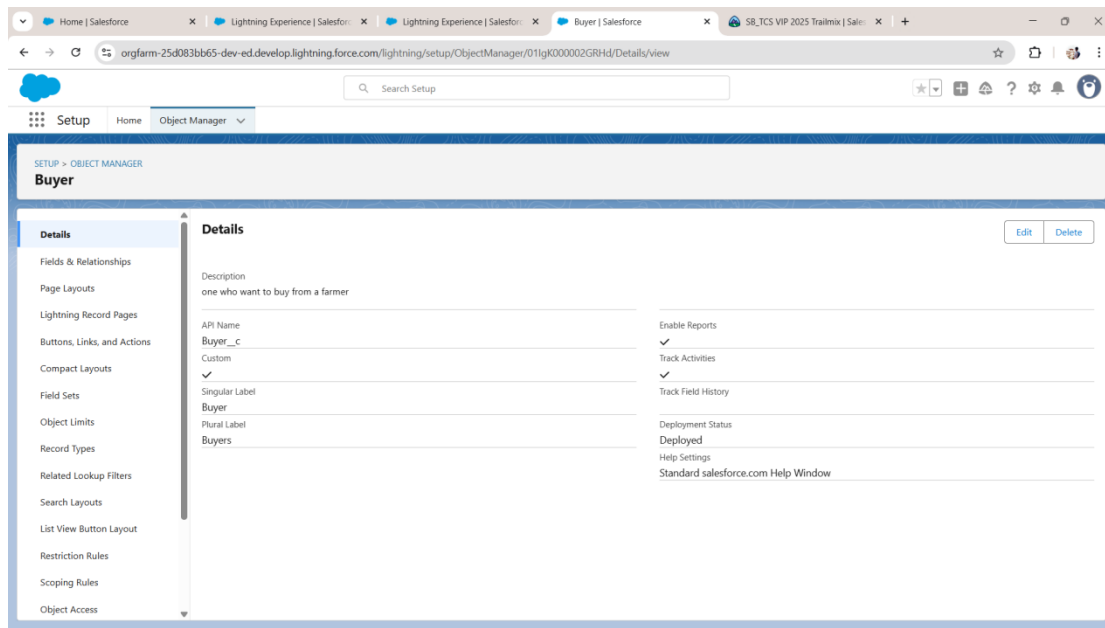
| FIELD LABELSORTED ASCENDING | SORTFIELD NAME   | SORTDATA TYPE      |
|-----------------------------|------------------|--------------------|
| Created By                  | CreatedById      | Lookup(User)       |
| Last Modified By            | LastModifiedById | Lookup(User)       |
| Lookup                      | Lookup__c        | Lookup(Farmer)     |
| Owner                       | OwnerId          | Lookup(User,Group) |
| Purpose                     | Purpose__c       | Text(150)          |
| Visit Date                  | Visit_Date__c    | Date               |
| Visit Name                  | Name             | Text(80)           |
| Visitor name                | Visitor_name__c  | Text(150)          |

Crop\_c



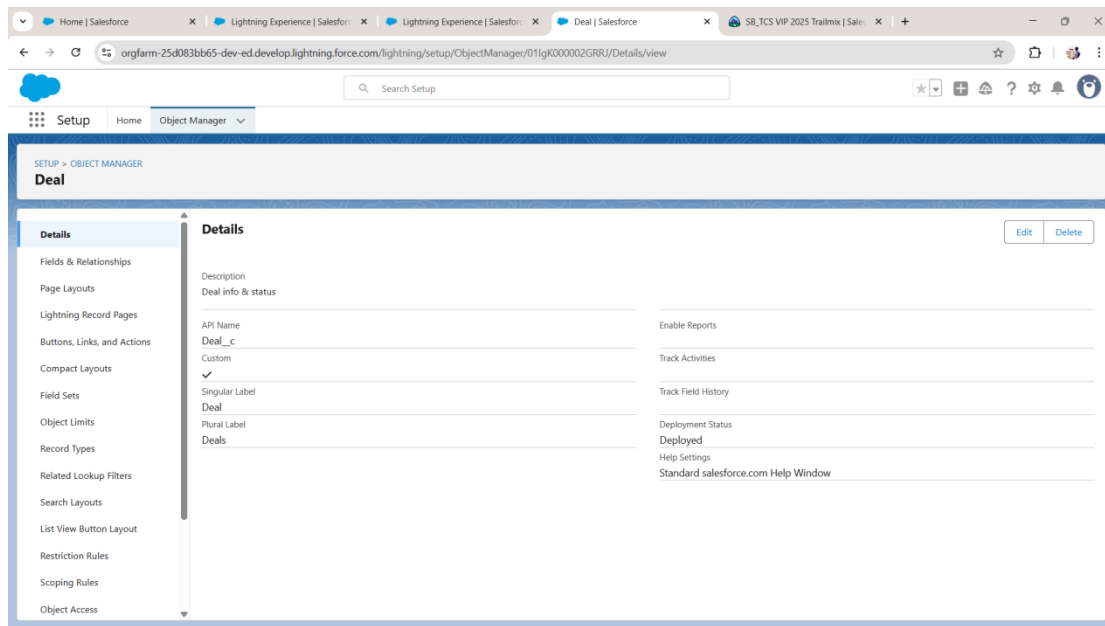
| FIELD LABELSORTED ASCENDING | SORTFIELD NAME   | SORTDATA TYPE         |
|-----------------------------|------------------|-----------------------|
| Created By                  | CreatedById      | Lookup(User)          |
| crop Name                   | Name             | Text(80)              |
| Harvest Time                | Harvest_Time__c  | Date                  |
| Last Modified By            | LastModifiedById | Lookup(User)          |
| Master detail               | Master_detail__c | Master-Detail(Farmer) |
| Prize                       | Prize__c         | Currency(18, 0)       |
| Quantity                    | Quantity__c      | Number(18, 0)         |

Buyer\_c



| FIELD LABELSORTED ASCENDING | SORTFIELD NAME   | SORTDATA TYPE      |
|-----------------------------|------------------|--------------------|
| Buyer Name                  | Name             | Text(80)           |
| Contact                     | Contact__c       | Phone              |
| Created By                  | CreatedById      | Lookup(User)       |
| Last Modified By            | LastModifiedById | Lookup(User)       |
| Owner                       | OwnerId          | Lookup(User,Group) |

Deal\_c

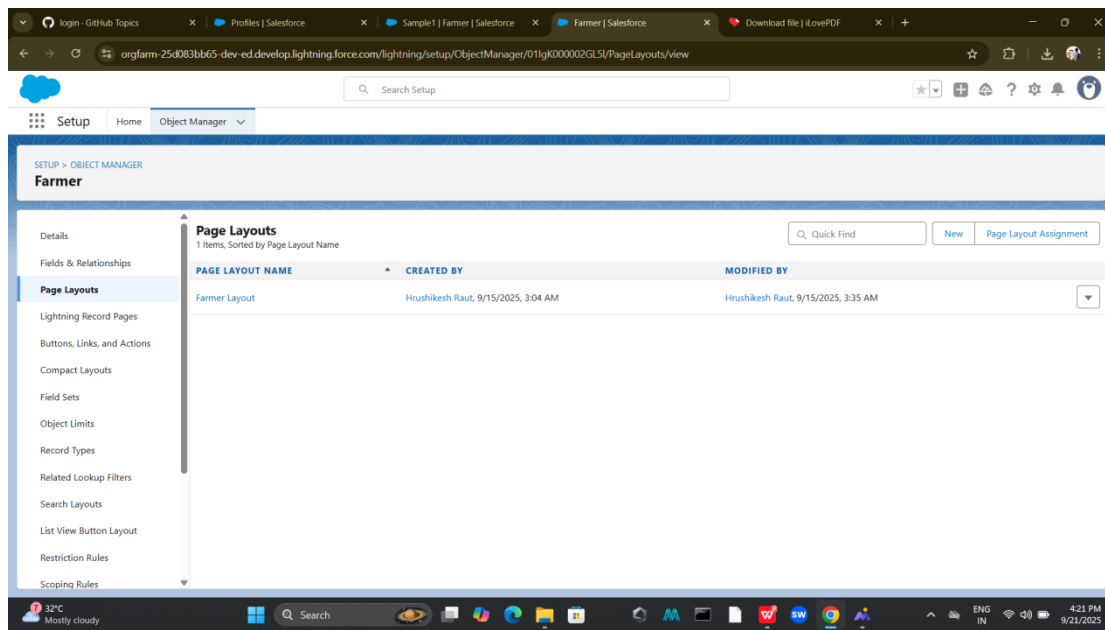


| FIELD LABELSORTED ASCENDING | SORTFIELD NAME   | SORTDATA TYPE      |
|-----------------------------|------------------|--------------------|
| Created By                  | CreatedById      | Lookup(User)       |
| crop                        | crop__c          | Picklist           |
| Deal Name                   | Name             | Text(80)           |
| Farmer                      | Farmer__c        | Lookup(Farmer)     |
| Last Modified By            | LastModifiedById | Lookup(User)       |
| Lookup1                     | Lookup1__c       | Lookup(Buyer)      |
| Owner                       | OwnerId          | Lookup(User,Group) |
| Quantity                    | Quantity__c      | Text(150)          |
| status                      | status__c        | Picklist           |

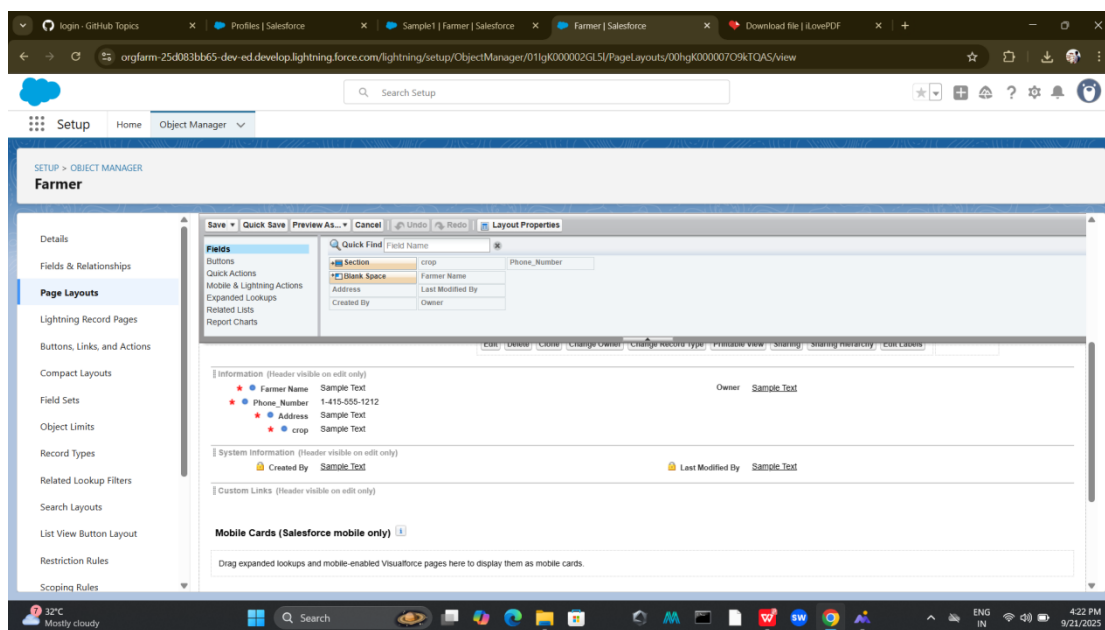
## 2. Page Layouts

Configured for Farmer\_c as an example:

*Process Flow: Setup → Object Manager → Farmer → Page Layouts → Farmer Layout  
→ Drag fields into sections → Save.*



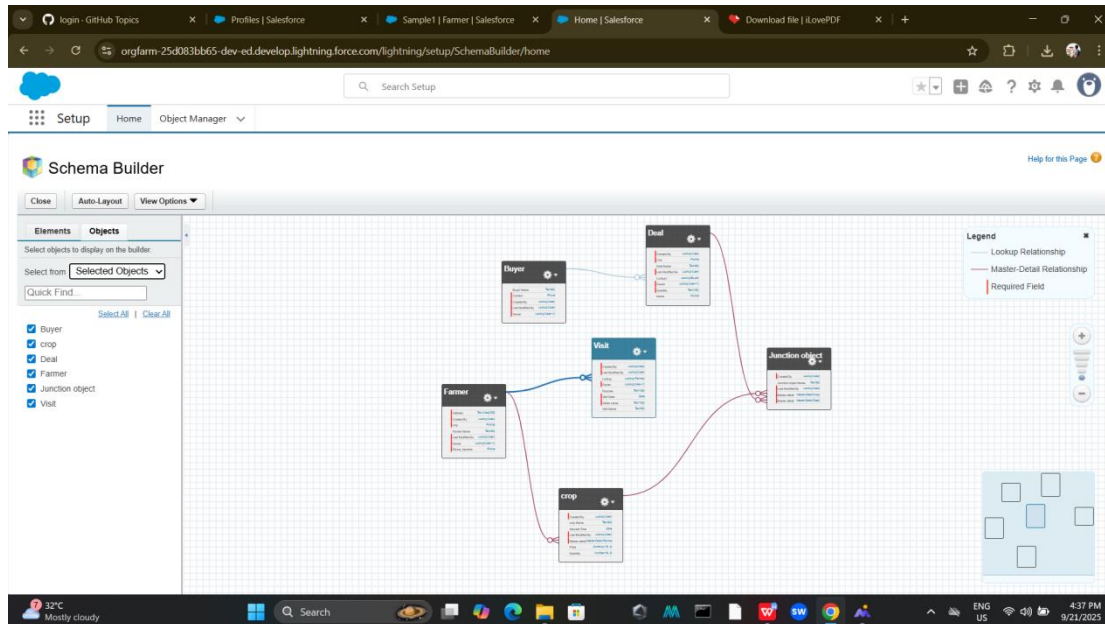
*Related Lists (visit, deal, crops)*



Other objects (Crop, Visit, Buyer, Deal) had layouts configured similarly with their relevant fields.



### 3 .Schema Builder



- Farmer (Master) → Crop (Detail).
- Farmer → Visit (Lookup).
- Crop ↔ Buyer (Many-to-Many via Deal)