#### A CRM APPLICATION TO ENGINEERING WORKS

-Sales force

**Hardware Required:** 

Windows 8 machine

**Software Required:** 

Install with two web browser

**System Required:** 

Bandwidth of 30mbps

An application is required to efficiently manage client information for engineering projects, encompassing details such as company information, owner details, contact information, worker details, and their respective requirements for materials, including measurements. Additionally, the application should automatically calculate the price based on the specified materials and measurements. The available works in Engineering Works comprise Fabrication, Shed Construction, and Pipe Lining. Within the Fabrication work, various processes are involved, namely Drilling, Welding, Cutting, and Folding. Similarly, the shedwork involves the construction of the sheds, and Pipe Lining involves pipe repairing and replacing. These processes are integral to the fabrication workflow and need to be accurately tracked and managed within the application.

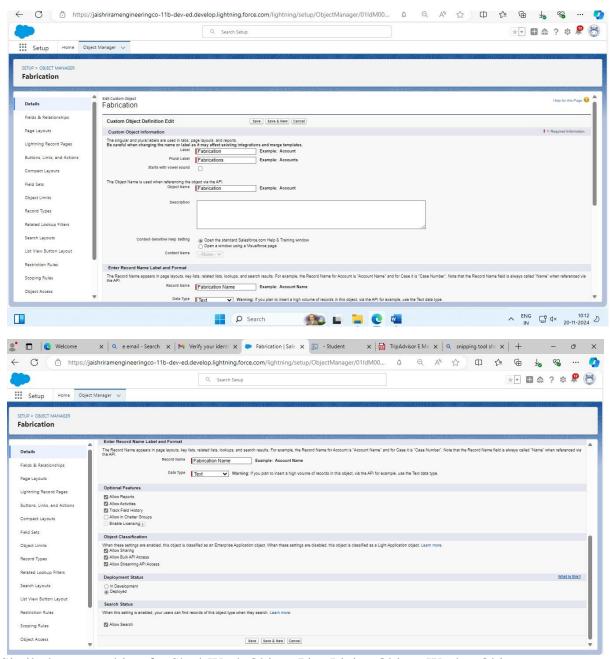
au711221104021 au711221104027 au711221104057

au711221104018

Submitted by

#### 1. CREATE OBJECT:

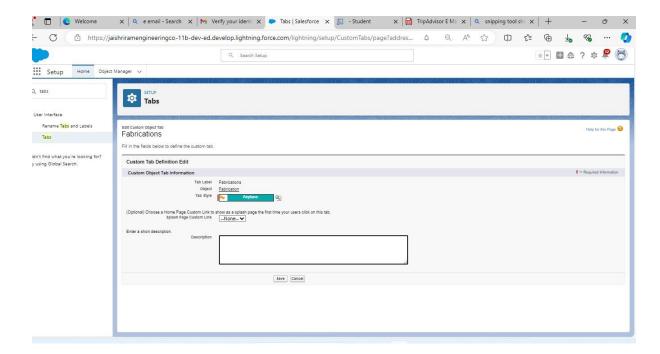
# **Create Fabrication Object:**



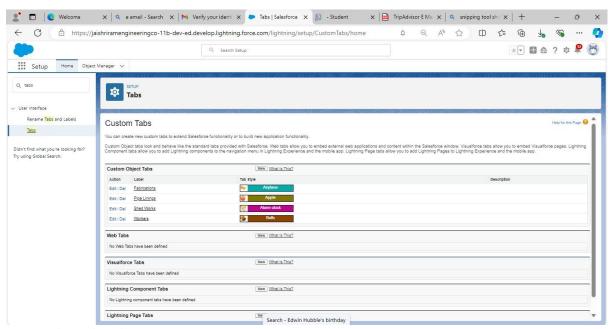
Similarly create object for Shed-Work Object, Pipe Lining Object, Worker Object

#### 2. Tabs:

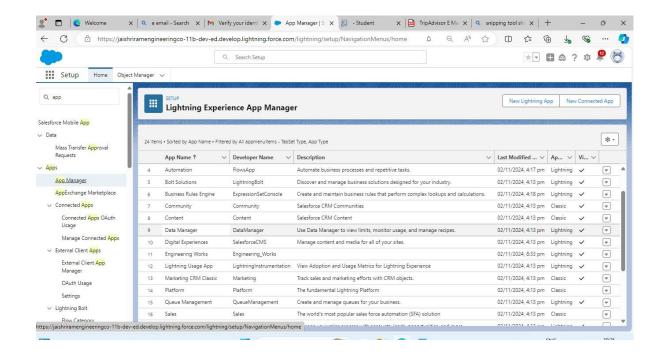
**Creating a Custom Tab** 



Similarly create the Tabs for the remaining Objects, they are "Shed-Work, Pipe lining, Worker".



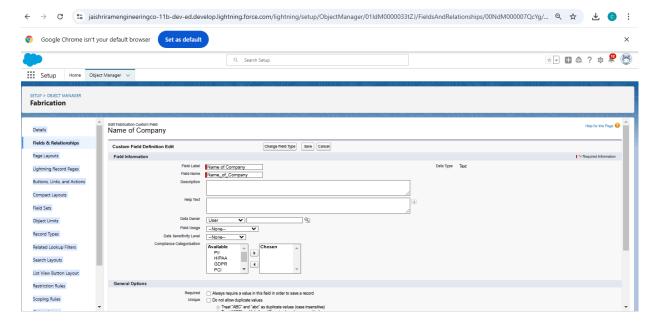
3. The Lightning App

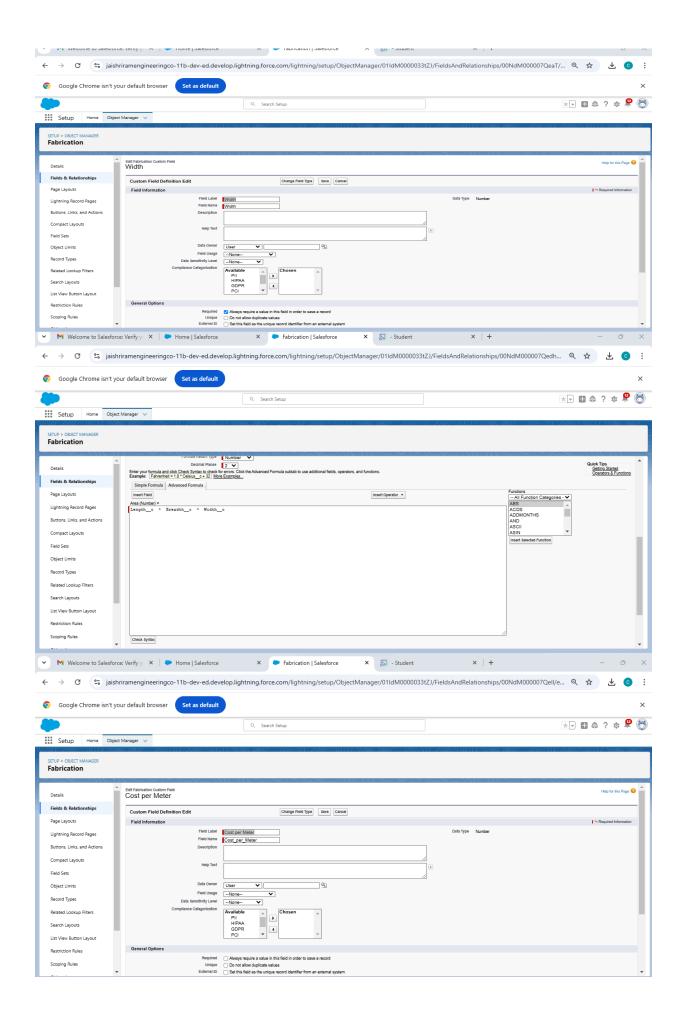


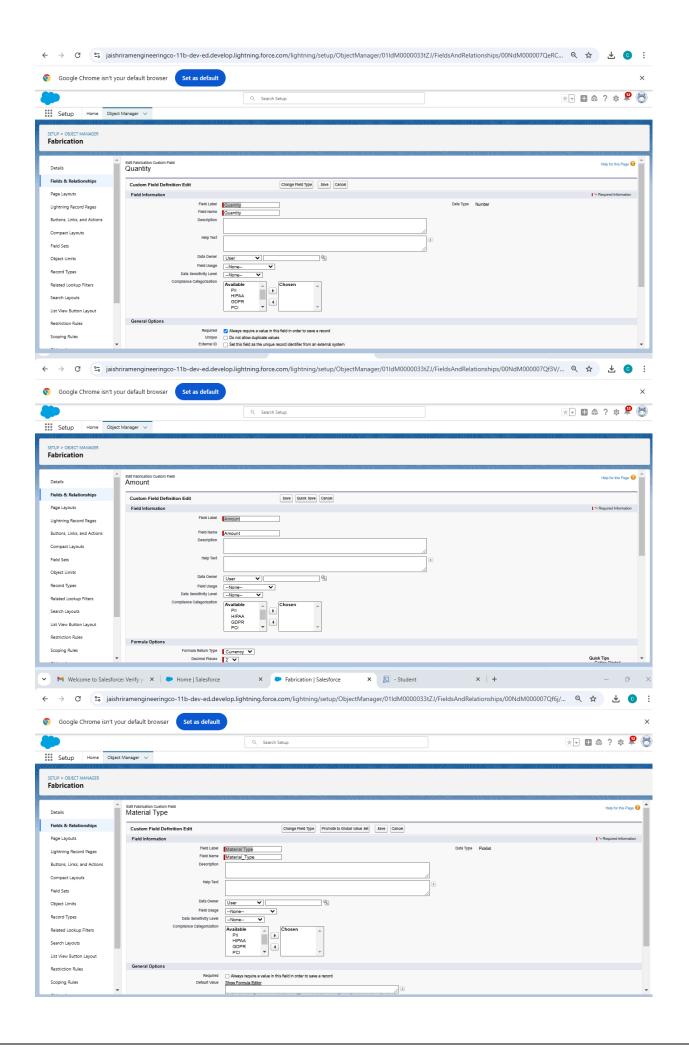
#### 4. Fields

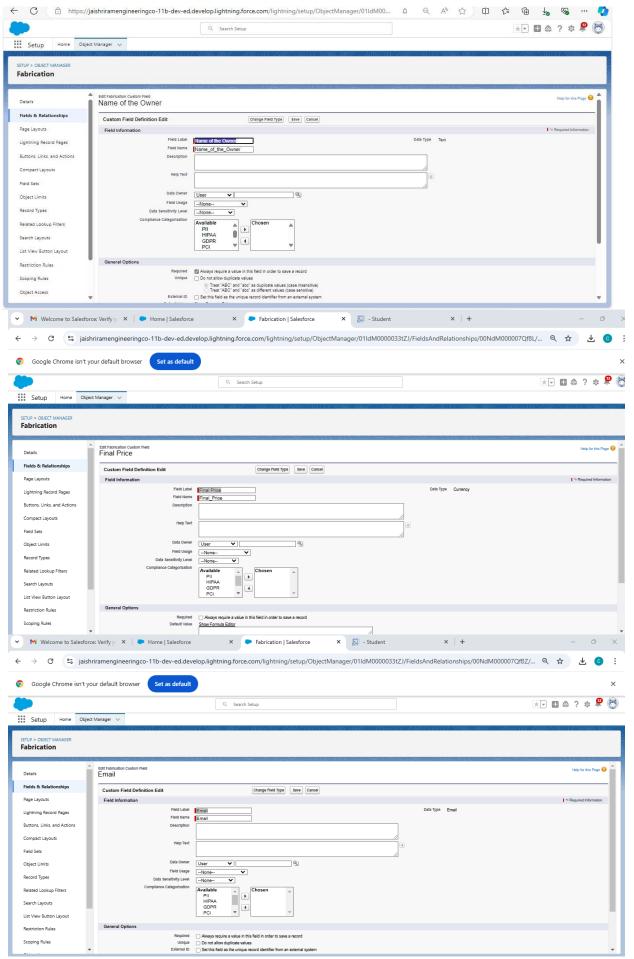
#### Creation of fields for the Fabrication object

Name of company, Name of owner, length, breadth, width, area, cost per meter, amount, material type, final price, email.









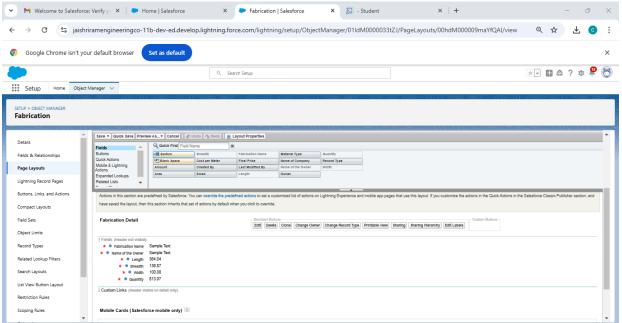
Similarly create fields for the Shed-Work object, fields for the Pipe Lining object, and fields for

the Worker object.

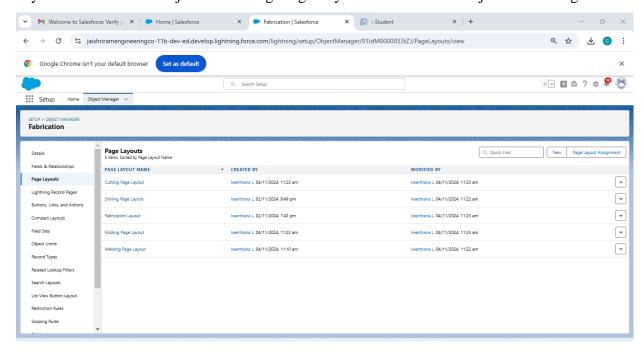
Creation of Lookup fields for Fabrication, Shed-Work, Pipe Lining.

## **5.** Creation of Page Layouts:

To create a Page Layout in Fabrication Object for Drilling

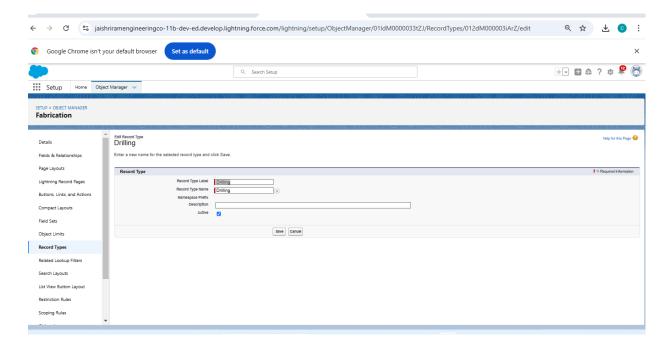


Similarly create page layout for create a Page Layout in Fabrication Object for Welding Page Layout in Fabrication Object for Cutting Page Layout in Fabrication Object for Folding

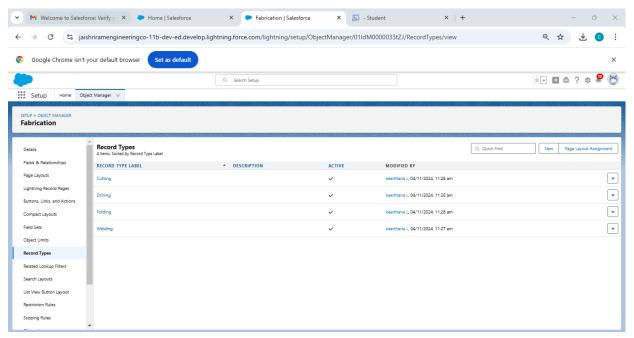


#### 6. CREATION OF RECORD TYPES:

# To create a Record Types in Fabrication Object

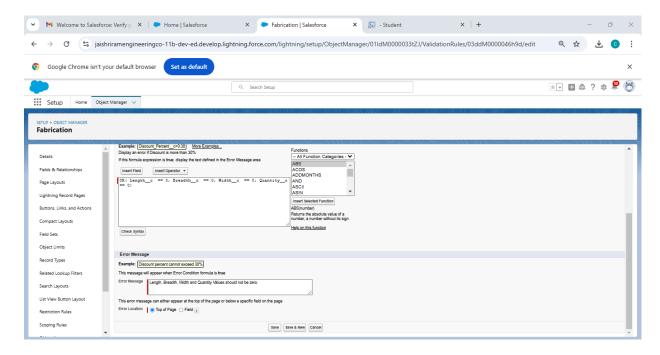


Similarly, Create the Record Types on Welding Page Layout, Cutting Page Layout and Folding Page Layout

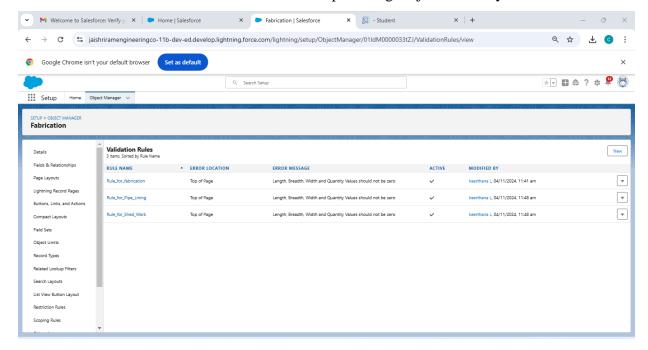


## 7. Validation rule

To create a validation rule to an Fabrication Object

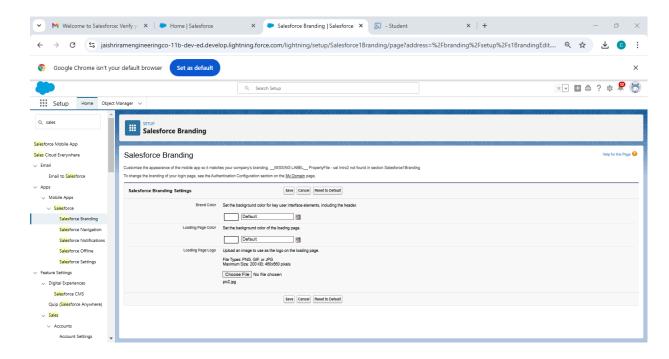


# Create the Validation Rule for Shed-Work and Pipe Lining Object Similarly

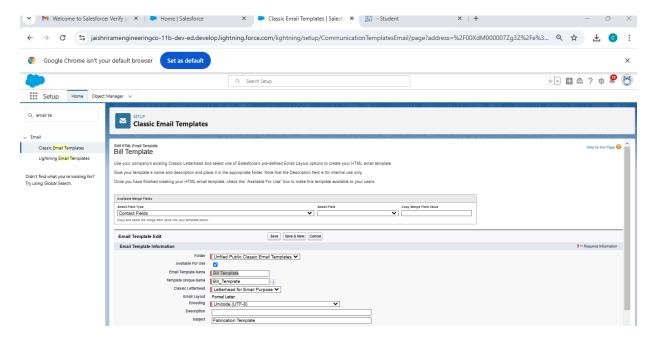


## 8. Email Templates

**Upload Logo into Sales force** 

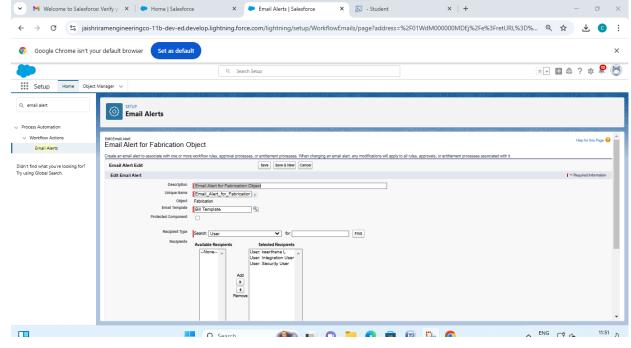


## Creation of Letter head for Email purpose.

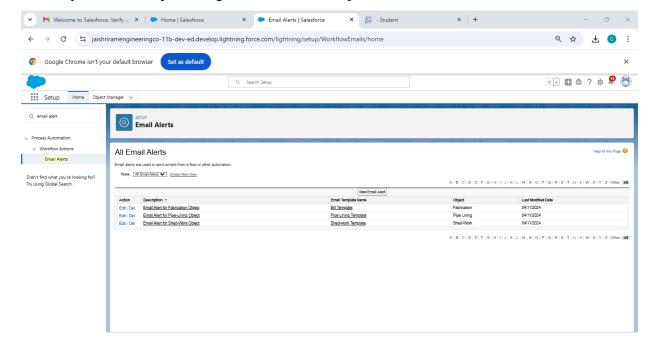


Similarly Create an Email Template for Shed-work Object and Pipe Lining Object.

## **Email alert:**

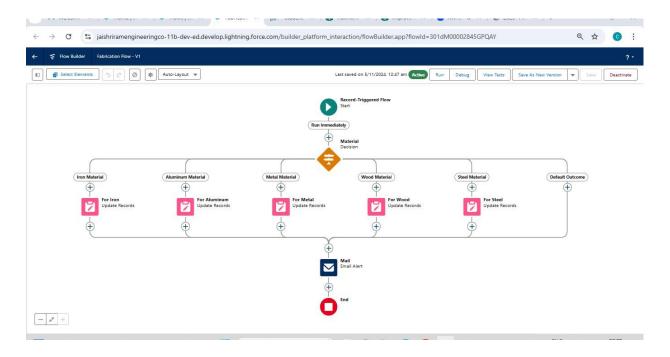


Similarly create for Pipe-Lining and Shed-Work objects

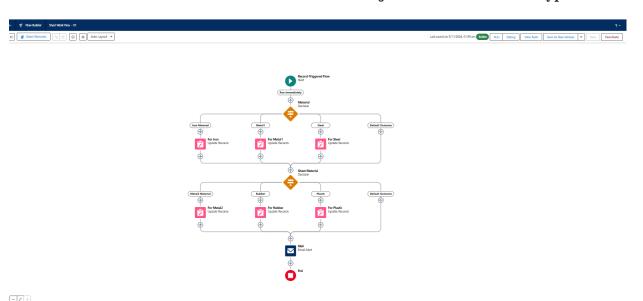


#### 9. FLOWS:

Create Flow to calculate Final Price on Fabrication Object based on Material Type



# Create Flow to calculate Final Price on Shed Work Object based on Material Type



# Create Flow to calculate Final Price on Pipe Lining Object based on Material Type

