***PROJECT 2 : CONSTRUCTION COMPANY***

**The current business processes**;

* Project Management tracking.
* Resource Allocation and Inventory Management.
* Client and Contract Management.

**Problem Statement;**

* Difficulty in Tracking multiple project timelines, tasks and responsibilities which have led to delays and miscommunication.
* Inefficient allocation of resources (equipment, materials, labour) leading to waste or shortages.
* Challenges in managing client data, contracts and payment schedules leading to potential disputes or losses.

**Proposed business processes**;

* Schedule projects, assign tasks, tack progress.
* Allocate resources, manage inventory levels.

**Entities and attributes**

1. SUPPLIER

* Name
* Supplier ID
* Supplier contact

2. PROJECT

* Project Name
* Project ID
* Start date
* End date
* Budget

3. MATERIAL

* Name
* Quantity
* Cost
* Material ID

4. EQUIPMENT

* Name
* Type
* Equipment ID
* Purchase Date

5. CONTRACT

* Contract ID
* Project ID
* Supplier ID
* Start Date
* End Date
* Cost

6. EMPLOYEE

* Name
* Position
* Hire Date
* Employee ID

7. DEPARTMENT

* Name
* Location
* Department ID

8. CLIENT

* Client ID
* Client Name
* Contact
* Address

