Title of Project:  
Business development for Commercial buildings

Name:  
Abdul Mubeen Mohammad

GitHub URL:  
<https://github.com/Mubeenabdul/DATABASE-3.git>

SQL environment:

Windows

**ERD Physical Model:**

A screenshot of a diagram

Description automatically generated

**ERD Logical Model:**

A diagram of a workflow

Description automatically generateds

**Relationship Description of Entities:**

1. **Construction Sites and Projects**:

Each Project depends on 1 and only 1 Construction Site. Conversely, a Construction Site may be associated with 1 or more Projects.

1. **Construction Sites and Employees**:

Each Employee is assigned to 1 and only 1 Construction Site. On the other hand, a Construction Site may have 0 or more Employees working there.

1. **Construction Sites and Building Materials (via Construction Materials Used)**:

The Construction Materials Used table links Construction Sites and Building Materials. Each record in the Construction Materials Used table depends on 1 and only 1 Construction Site and 1 and only 1 Building Material. This implies that a Construction Site can use 0 or more Building Materials, and a Building Material can be used at 0 or more Construction Sites.

1. **Suppliers and Building Materials**:

Each Building Material can be supplied by 1 or more Suppliers. Similarly, each Supplier can provide 1 or more Building Materials.