

# Database Project Purposal

Companies and their database

CASE STUDY, ERD & NORMALIZATION  
TERRORISTS GROUP

# Companies Database

Here is the Basic Functionality of this Database:

- 1) Each company operates four departments, and each department belongs to one company.
- 2) Each department in part (a) employs one or more employees, and each employee works for one department.
- 3) Each of the employees in part (b) may or may not have one or more dependents, and each dependent belongs to one employee.
- 4) Each employee in part (c) may or may not have an employment history.
- 5) Represent all the ER diagrams described in (a), (b), (c), and (d) as a single ER diagram.

## Case Study

In this database, we have the following tables having following attributes:

- **Company** ( Camp\_ID, Name, Location, Phone\_Number, Fax\_Number, Address, City\_Name, Province\_Name, Country\_Name )
- **Department** ( Dept\_ID, Name )
- **Employee** ( Emp\_ID, Name, Birth, CNIC, Email, Gender, Phone, House\_Address Salary, Qualification, Past Experience)
- **History** ( His\_ID, Joining\_Date, Ending\_Date )
- **Dependant** ( Depd\_ID, Employee\_name, Age, Skills )

# Entity Relationship Diagram

