**MINI PROJECT**: **Employee Management System**

**FUNCTIONALITIES:**

**1. Add Employee**

**2. Search Employee**

**3. View All Employee**

**4. Update Employee**

**5. Delete Employee**

**6. Quit**

**PROJECT STRUCTURE:**

Every project which we design following industry standards is divided into **different layers / tiers**. Each layer plays a different role and contains classes for that purpose only. In the software industry , every database oriented application contains 3 layers: The **Front End** Layer , The **Back End** Layer and the **Middle** Layer.

**1. empmgmt.gui :** All the front end code is written here. It contains all the Frames and UI elements our application will have. The execution will begin from here.

All the calls to other methods will be made from here.

**2. empmgmt.dao(Data Access Object) :** All the classes that interact with the database. It contains all the methods like **add Employe( )**, **searchEmployee( ), updateEmployee( )** etc are placed here.

**3. empmgmt.dbutil:** The database connection class. It will contain method to load the driver class, open the connection to the db and close the connection to the database.

**4. empmgmt.pojo(Plain Old Java Objects) :** This package contains all the classes which hold the data of our application i.e. they hold the data coming from the table or to be stored into the table. POJO classes are created one per table and are also called as DTO (Data Transfer Object) classes.