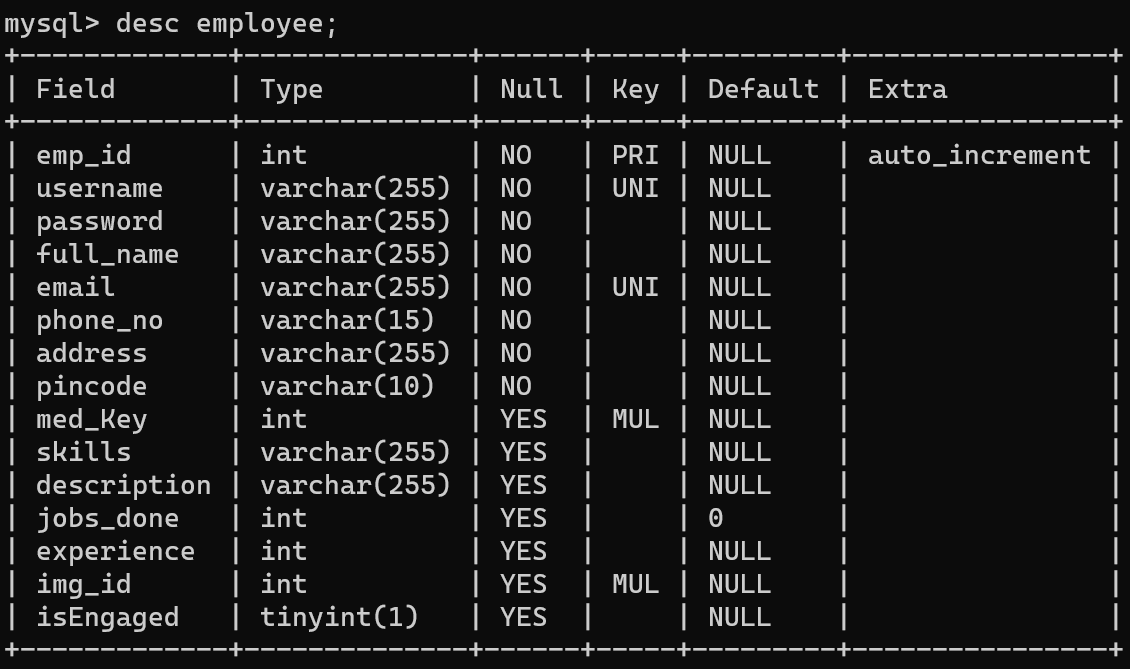
# Data Dictionary

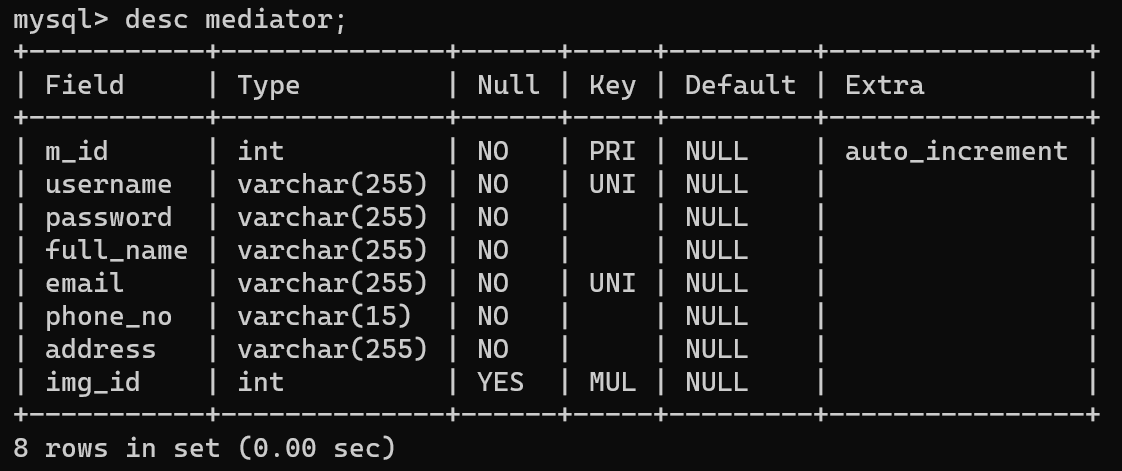
## 1. Employee Table

* **Primary Key:** emp\_id
* **Foreign Keys:** med\_Key references Mediator(m\_id), img\_id references Image(img\_id)
* **Attributes:**
  + emp\_id (Primary Key)
  + username (Unique)
  + password
  + full\_name
  + email (Unique)
  + phone\_no
  + address
  + pincode
  + med\_Key (Foreign Key)
  + skills
  + description
  + jobs\_done (Default Value: 0)
  + experience
  + img\_id (Foreign Key)
  + isEngaged



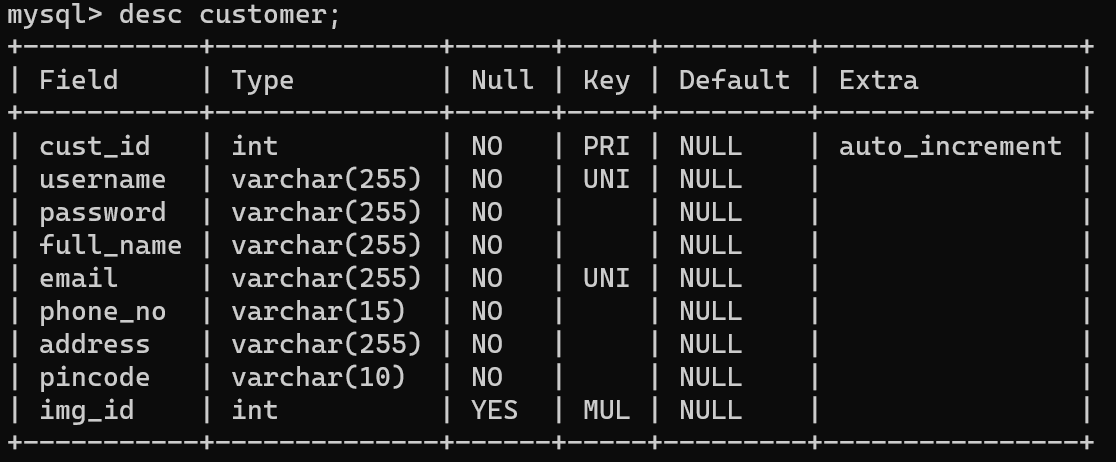
## 2. Mediator Table

* **Primary Key:** m\_id
* **Foreign Key:** img\_id references Image(img\_id)
* **Attributes:**
  + m\_id (Primary Key)
  + username (Unique)
  + password
  + full\_name
  + email (Unique)
  + phone\_no
  + address
  + img\_id (Foreign Key)



## 3. Customer Table

* **Primary Key:** cust\_id
* **Foreign Key:** img\_id references Image(img\_id)
* **Attributes:**
  + cust\_id (Primary Key)
  + username (Unique)
  + password
  + full\_name
  + email (Unique)
  + phone\_no
  + address
  + pincode
  + img\_id (Foreign Key)



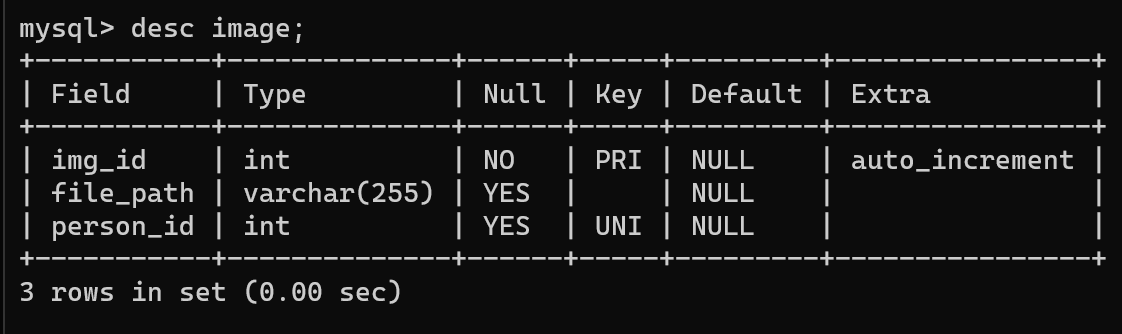
## 4. Service Request Table

* **Primary Key:** sr\_id
* **Foreign Key:** cust\_id references Customer(cust\_id)
* **Attributes:**
  + sr\_id (Primary Key)
  + cust\_id (Foreign Key)
  + skills\_req
  + pincode



## 5. Image Table

* **Primary Key:** img\_id
* **Attributes:**
  + img\_id (Primary Key)
  + file\_path
  + person\_id (Unique)



# Normalization Analysis

## 1. Employee Table

* **1st Normal Form (1NF):** Yes, all values are atomic.
* **2nd Normal Form (2NF):** Yes, no partial dependencies.
* **3rd Normal Form (3NF):** Yes, no transitive dependencies.

## 2. Mediator Table

* **1st Normal Form (1NF):** Yes, all values are atomic.
* **2nd Normal Form (2NF):** Yes, no partial dependencies.
* **3rd Normal Form (3NF):** Yes, no transitive dependencies.

## 3. Customer Table

* **1st Normal Form (1NF):** Yes, all values are atomic.
* **2nd Normal Form (2NF):** Yes, no partial dependencies.
* **3rd Normal Form (3NF):** Yes, no transitive dependencies.

## 4. Service Request Table

* **1st Normal Form (1NF):** Yes, all values are atomic.
* **2nd Normal Form (2NF):** Yes, no partial dependencies.
* **3rd Normal Form (3NF):** Yes, no transitive dependencies.

## 5. Image Table

* **1st Normal Form (1NF):** Yes, all values are atomic.
* **2nd Normal Form (2NF):** Yes, no partial dependencies.
* **3rd Normal Form (3NF):** Yes, no transitive dependencies.