

DATABASE MANAGEMENT SYSTEM

MINIPROJECT- REVIEW 2

SY B.TECH CSE [AI DS]
ACADEMIC YEAR:- 2024-2025

PROJECT TITLE: WeHire – Your daily need employment friend

GROUP ID: 12

TEAM MEMBERS:

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```
mysql> show databases;
```

```
+-----+
| Database      |
+-----+
| assg5         |
| business      |
| company       |
| corporate     |
| demo          |
| information_schema |
| mydb          |
| mysql         |
| performance_schema |
| sakila        |
| science       |
| sys           |
| test2         |
| tourg         |
| world         |
+-----+
```

```
15 rows in set (0.03 sec)
```

```
mysql> create database wehire;
```

```
Query OK, 1 row affected (0.02 sec)
```

```
mysql> use WeHire;
```

```
Database changed
```

```
mysql> create table Customer (cust_id INT PRIMARY KEY auto_increment, name VARCHAR(100), age INT, address VARCHAR(50), phone_no BIGINT, aadhar_no BIGINT);
```

```
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> create table Agency (co_id INT PRIMARY KEY auto_increment, name VARCHAR(100), age INT, address VARCHAR(50), phone_no BIGINT, aadhar_no BIGINT, Police_ve_stat varchar(10) CHECK (Police_ve_stat in ('yes', 'no')), type_of_service varchar(100), mass_hiring varchar(10) check (mass_hiring in('yes', 'no')), ratings int);
```

Query OK, 0 rows affected (0.03 sec)

```
mysql> CREATE TABLE maid (
```

```
->  w_id INT PRIMARY KEY AUTO_INCREMENT,  
->  co_id INT,  
->  name VARCHAR(100),  
->  age INT,  
->  address VARCHAR(50),  
->  phone_no BIGINT,  
->  aadhar_no BIGINT,  
->  Police_ve_stat VARCHAR(10) CHECK (Police_ve_stat IN ('yes', 'no')),  
->  FOREIGN KEY (co_id) REFERENCES Agency (co_id)  
-> );
```

Query OK, 0 rows affected (0.03 sec)

```
mysql> CREATE TABLE nurse (
```

```
->  w_id INT PRIMARY KEY AUTO_INCREMENT,  
->  co_id INT,  
->  name VARCHAR(100),  
->  age INT,  
->  address VARCHAR(50),  
->  phone_no BIGINT UNIQUE,  
->  aadhar_no BIGINT UNIQUE,  
->  Police_ve_stat VARCHAR(10) CHECK (Police_ve_stat IN ('yes', 'no')),  
->  wages FLOAT,  
->  FOREIGN KEY (co_id) REFERENCES Agency (co_id)  
-> );
```

Query OK, 0 rows affected (0.05 sec)

```
mysql> CREATE TABLE driver (  
-> w_id INT PRIMARY KEY AUTO_INCREMENT,  
-> co_id INT,  
-> name VARCHAR(100),  
-> age INT,  
-> address VARCHAR(50),  
-> phone_no BIGINT UNIQUE,  
-> aadhar_no BIGINT UNIQUE,  
-> Police_ve_stat VARCHAR(10) CHECK (Police_ve_stat IN ('yes', 'no')),  
-> wages FLOAT,  
-> FOREIGN KEY (co_id) REFERENCES Agency (co_id)  
-> );
```

Query OK, 0 rows affected (0.04 sec)

```
mysql> CREATE TABLE tutor (  
-> w_id INT PRIMARY KEY AUTO_INCREMENT,  
-> co_id INT,  
-> name VARCHAR(100),  
-> age INT,  
-> address VARCHAR(50),  
-> phone_no BIGINT,  
-> aadhar_no BIGINT,  
-> Police_ve_stat VARCHAR(10) CHECK (Police_ve_stat IN ('yes', 'no')),  
-> school_level VARCHAR(100) CHECK (school_level IN ('elementary', 'middle', 'high', 'all')),  
-> FOREIGN KEY (co_id) REFERENCES Agency (co_id)  
-> );
```

Query OK, 0 rows affected (0.05 sec)

```
mysql> CREATE TABLE security (  
-> w_id INT PRIMARY KEY AUTO_INCREMENT,  
-> co_id INT,  
-> name VARCHAR(100),  
-> age INT,  
-> address VARCHAR(50),  
-> phone_no BIGINT UNIQUE,  
-> aadhar_no BIGINT UNIQUE,  
-> Police_ve_stat VARCHAR(10) CHECK (Police_ve_stat IN ('yes', 'no')),  
-> wages FLOAT,  
-> FOREIGN KEY (co_id) REFERENCES Agency (co_id)  
-> );
```

Query OK, 0 rows affected (0.04 sec)

```
mysql> CREATE TABLE maintenance (  
-> w_id INT PRIMARY KEY AUTO_INCREMENT,  
-> co_id INT,  
-> name VARCHAR(100),  
-> age INT,  
-> address VARCHAR(50),  
-> phone_no BIGINT UNIQUE,  
-> aadhar_no BIGINT UNIQUE,  
-> Police_ve_stat VARCHAR(10) CHECK (Police_ve_stat IN ('yes', 'no')),  
-> wages FLOAT,  
-> FOREIGN KEY (co_id) REFERENCES Agency (co_id)  
-> );
```

Query OK, 0 rows affected (0.04 sec)

```
mysql> show tables;
```

```
+-----+
| Tables_in_wehire |
+-----+
| agency      |
| customer    |
| driver      |
| maid        |
| maintenance  |
| nurse       |
| security    |
| tutor       |
+-----+
```

8 rows in set (0.01 sec)

```
mysql> desc agency;
```

```
+-----+-----+-----+-----+-----+-----+
| Field      | Type      | Null | Key | Default | Extra      |
+-----+-----+-----+-----+-----+-----+
| co_id      | int       | NO   | PRI | NULL    | auto_increment |
| name       | varchar(100) | YES  |     | NULL    |              |
| age        | int       | YES  |     | NULL    |              |
| address    | varchar(50) | YES  |     | NULL    |              |
| phone_no   | bigint    | YES  |     | NULL    |              |
| aadhar_no  | bigint    | YES  |     | NULL    |              |
| Police_ve_stat | varchar(10) | YES  |     | NULL    |              |
| type_of_service | varchar(100) | YES  |     | NULL    |              |
| mass_hiring | varchar(10) | YES  |     | NULL    |              |
| ratings    | int       | YES  |     | NULL    |              |
+-----+-----+-----+-----+-----+-----+
```

10 rows in set (0.01 sec)

```
mysql> desc customer;
```

Field	Type	Null	Key	Default	Extra
cust_id	int	NO	PRI	NULL	auto_increment
name	varchar(100)	YES		NULL	
age	int	YES		NULL	
address	varchar(50)	YES		NULL	
phone_no	bigint	YES		NULL	
aadhar_no	bigint	YES		NULL	

6 rows in set (0.00 sec)

```
mysql> desc maid;
```

Field	Type	Null	Key	Default	Extra
w_id	int	NO	PRI	NULL	auto_increment
co_id	int	YES	MUL	NULL	
name	varchar(100)	YES		NULL	
age	int	YES		NULL	
address	varchar(50)	YES		NULL	
phone_no	bigint	YES		NULL	
aadhar_no	bigint	YES		NULL	
Police_ve_stat	varchar(10)	YES		NULL	

8 rows in set (0.00 sec)

```
mysql> desc nurse;
```

Field	Type	Null	Key	Default	Extra
w_id	int	NO	PRI	NULL	auto_increment
co_id	int	YES	MUL	NULL	
name	varchar(100)	YES		NULL	
age	int	YES		NULL	
address	varchar(50)	YES		NULL	
phone_no	bigint	YES	UNI	NULL	
aadhar_no	bigint	YES	UNI	NULL	
Police_ve_stat	varchar(10)	YES		NULL	
wages	float	YES		NULL	

9 rows in set (0.00 sec)

```
mysql> desc tutor;
```

Field	Type	Null	Key	Default	Extra
w_id	int	NO	PRI	NULL	auto_increment
co_id	int	YES	MUL	NULL	
name	varchar(100)	YES		NULL	
age	int	YES		NULL	
address	varchar(50)	YES		NULL	
phone_no	bigint	YES		NULL	
aadhar_no	bigint	YES		NULL	
Police_ve_stat	varchar(10)	YES		NULL	
school_level	varchar(100)	YES		NULL	

9 rows in set (0.00 sec)


```
mysql> desc security;
```

Field	Type	Null	Key	Default	Extra
w_id	int	NO	PRI	NULL	auto_increment
co_id	int	YES	MUL	NULL	
name	varchar(100)	YES		NULL	
age	int	YES		NULL	
address	varchar(50)	YES		NULL	
phone_no	bigint	YES	UNI	NULL	
aadhar_no	bigint	YES	UNI	NULL	
Police_ve_stat	varchar(10)	YES		NULL	
wages	float	YES		NULL	

```
9 rows in set (0.00 sec)
```

```
mysql> desc maintenance;
```

Field	Type	Null	Key	Default	Extra
w_id	int	NO	PRI	NULL	auto_increment
co_id	int	YES	MUL	NULL	
name	varchar(100)	YES		NULL	
age	int	YES		NULL	
address	varchar(50)	YES		NULL	
phone_no	bigint	YES	UNI	NULL	
aadhar_no	bigint	YES	UNI	NULL	
Police_ve_stat	varchar(10)	YES		NULL	
wages	float	YES		NULL	

```
9 rows in set (0.00 sec)
```

```
mysql> desc driver;
```

Field	Type	Null	Key	Default	Extra
w_id	int	NO	PRI	NULL	auto_increment
co_id	int	YES	MUL	NULL	
name	varchar(100)	YES		NULL	
age	int	YES		NULL	
address	varchar(50)	YES		NULL	
phone_no	bigint	YES	UNI	NULL	
aadhar_no	bigint	YES	UNI	NULL	
Police_ve_stat	varchar(10)	YES		NULL	
wages	float	YES		NULL	

9 rows in set (0.00 sec)

```
mysql> PLSQL BLOCK
```

- **PROCEDURES:**
 1. UPDATE
 2. INSERT
 3. DELETE
 4. LIST ALL WORKERS
 5. COMPLETE/DECLINE REQUESTS
- **TRIGGERS:**
 1. POLICE VERIFICATION STATUS VALIDATION
 2. PROFESSION VALIDATION
- **FUNCTIONS:**
 1. FILTERS
 2. COUNT ALL WORKERS
- **CURSOR:**
 1. SEARCH BAR
- **DDL:**
 1. CREATE
- **DML:**
 1. INSERT
 2. UPDATE
 3. DELETE
 4. SELECT