**HEXAWARE ASSIGNMENT**

**ASSIGNMENT 4- COURIER MANAGEMENT SYSTEM**

**TABLE CREATION:**

mysql> CREATE DATABASE ASSIGNMENT;

Query OK, 1 row affected (0.03 sec)

mysql> show databases;

+--------------------+

| Database |

+--------------------+

| assignment |

| information\_schema |

| mysql |

| performance\_schema |

| sys |

| testdb |

+--------------------+

6 rows in set (0.00 sec)

mysql> use assignment;

Database changed

mysql> CREATE TABLE User (UserID int, Name varchar(255), Email varchar(255), Password varchar(255), ContactNumber varchar(255), Address TEXT, CONSTRAINT user\_userid\_pk PRIMARY KEY(userid), CONSTRAINT uq\_email UNIQUE (Email));

Query OK, 0 rows affected (0.05 sec)

mysql> desc user;

+---------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------------+--------------+------+-----+---------+-------+

| UserID | int | NO | PRI | NULL | |

| Name | varchar(255) | YES | | NULL | |

| Email | varchar(255) | YES | UNI | NULL | |

| Password | varchar(255) | YES | | NULL | |

| ContactNumber | varchar(255) | YES | | NULL | |

| Address | text | YES | | NULL | |

+---------------+--------------+------+-----+---------+-------+

6 rows in set (0.00 sec)

mysql> CREATE TABLE Courier (CourierID int, SenderName varchar(255), SenderAddress TEXT, ReceiverName varchar(255), ReceiverAddress TEXT, Weight decimal(5,2), Status varchar(50), TrackingNumber varchar(20), DeliveryDate date, CONSTRAINT table\_courierId\_pk PRIMARY KEY(CourierID), CONSTRAINT uq\_trackingnumber UNIQUE (trackingNumber));

Query OK, 0 rows affected (0.05 sec)

mysql> desc Courier;

+-----------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-----------------+--------------+------+-----+---------+-------+

| CourierID | int | NO | PRI | NULL | |

| SenderName | varchar(255) | YES | | NULL | |

| SenderAddress | text | YES | | NULL | |

| ReceiverName | varchar(255) | YES | | NULL | |

| ReceiverAddress | text | YES | | NULL | |

| Weight | decimal(5,2) | YES | | NULL | |

| Status | varchar(50) | YES | | NULL | |

| TrackingNumber | varchar(20) | YES | UNI | NULL | |

| DeliveryDate | date | YES | | NULL | |

+-----------------+--------------+------+-----+---------+-------+

9 rows in set (0.03 sec)

mysql> CREATE TABLE CourierServices(ServiceID int, ServiceName varchar(100), Cost decimal(8,

2), CONSTRAINT table\_ServiceId\_pk PRIMARY KEY(ServiceID));

Query OK, 0 rows affected (0.05 sec)

mysql> desc CourierServices;

+-------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+--------------+------+-----+---------+-------+

| ServiceID | int | NO | PRI | NULL | |

| ServiceName | varchar(100) | YES | | NULL | |

| Cost | decimal(8,2) | YES | | NULL | |

+-------------+--------------+------+-----+---------+-------+

3 rows in set (0.00 sec)

mysql> CREATE TABLE Employee\_Table(EmployeeID int,Name varchar(255), Email varchar(255), ContactNumber varchar(20), Role varchar(50), Salary decimal(10,2), CONSTRAINT emp\_empid\_pk PRIMARY KEY(employeeid), CONSTRAINT uq\_email UNIQUE (Email));

Query OK, 0 rows affected (0.03 sec)

mysql> desc Employee\_Table;

+---------------+---------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+---------------+---------------+------+-----+---------+-------+

| EmployeeID | int | NO | PRI | NULL | |

| Name | varchar(255) | YES | | NULL | |

| Email | varchar(255) | YES | UNI | NULL | |

| ContactNumber | varchar(20) | YES | | NULL | |

| Role | varchar(50) | YES | | NULL | |

| Salary | decimal(10,2) | YES | | NULL | |

+---------------+---------------+------+-----+---------+-------+

6 rows in set (0.00 sec)

mysql> CREATE TABLE Location\_Table(LocationID int, LocationName varchar(100), Address TEXT, CONSTRAINT loc\_locid\_pk PRIMARY KEY(LocationID));

Query OK, 0 rows affected (0.04 sec)

mysql> desc Location\_Table;

+--------------+--------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+--------------+------+-----+---------+-------+

| LocationID | int | NO | PRI | NULL | |

| LocationName | varchar(100) | YES | | NULL | |

| Address | text | YES | | NULL | |

+--------------+--------------+------+-----+---------+-------+

3 rows in set (0.00 sec)

mysql> CREATE TABLE Payment\_Table(PaymentId int,CourierId int, LocationId int, Amount Decimal(10,2), PaymentDate Date,CONSTRAINT Pay\_Payid\_pk PRIMARY KEY(PaymentId), CONSTRAINT FOREIGN

KEY (CourierId) REFERENCES Courier(CourierID), CONSTRAINT FOREIGN KEY (LocationId) REFERENCES LOCATION\_TABLE(LOCATIONID));

Query OK, 0 rows affected (0.06 sec)

mysql> desc Payment\_Table;

+-------------+---------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+-------------+---------------+------+-----+---------+-------+

| PaymentId | int | NO | PRI | NULL | |

| CourierId | int | YES | MUL | NULL | |

| LocationId | int | YES | MUL | NULL | |

| Amount | decimal(10,2) | YES | | NULL | |

| PaymentDate | date | YES | | NULL | |

+-------------+---------------+------+-----+---------+-------+

5 rows in set (0.00 sec)