RV College of Engineering®, Bengaluru – 59
Department of Information Science and Engineering
Database Design Laboratory (18CS53)

Mid-Term Report on Mini Project

TITLE: FOOD COURT MANAGEMENT SYSTEM		
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1. Tables created details

```
Command Prompt - mysql  -uroot -p

+----------------------+
| Tables_in_foodcourtdb |
+----------------------+
| adminlogindb         |
| availableproducts    |
| booktables           |
| cart                 |
| customerinfodb       |
| customerlogindb      |
| history              |
| ordertable           |
| tables               |
+----------------------+
9 rows in set (0.05 sec)

mysql>
```

2. Table creation Queries

```sql
CREATE TABLE `adminlogindb` (
    `email` varchar(20) NOT NULL,
    `password` varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;


CREATE TABLE `availableproducts` (
    `id` int(10) NOT NULL,
    `productname` varchar(100) NOT NULL,
    `price` float NOT NULL,
    `stock` int(10) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;


CREATE TABLE `cart` (
    `id` varchar(11) NOT NULL,
    `productname` varchar(100) NOT NULL,
    `price` varchar(20) NOT NULL,
    `quantity` varchar(20) NOT NULL,
    `totalprice` varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```sql
CREATE TABLE `customerinfodb` (
    `name` varchar(20) NOT NULL,
    `email` varchar(20) NOT NULL,
    `phone` varchar(11) NOT NULL,
    `username` varchar(8) NOT NULL,
    `password` varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `customerlogindb` (
    `username` varchar(20) NOT NULL,
    `password` varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `history` (
    `pid` varchar(20) NOT NULL,
    `username` varchar(20) NOT NULL,
    `productname` varchar(20) NOT NULL,
    `quantity` varchar(100) NOT NULL,
    `totalprice` varchar(2000) NOT NULL,
    `dtime` varchar(100) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```sql
CREATE TABLE `ordertable` (
    `id` varchar(11) NOT NULL,
    `productname` varchar(100) NOT NULL,
    `price` varchar(20) NOT NULL,
    `quantity` varchar(20) NOT NULL,
    `totalprice` varchar(20) NOT NULL,
    `uid` varchar(20) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `tables` (
    `table_id` varchar(20) NOT NULL,
    `seating_capacity` integer NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `booktables` (
    `table_id` varchar(20) NOT NULL,
    `username` varchar(20) NOT NULL,
    `seats_booked` integer NOT NULL,
    `dtime` varchar(100) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

Output of table creation queries

```
| Tables_in_foodcourtdb |
+-----------------------+
| adminlogindb          |
| availableproducts     |
| booktables            |
| cart                  |
| customerinfodb        |
| customerlogindb       |
| history               |
| ordertable            |
| tables                |
+-----------------------+
9 rows in set (0.02 sec)

mysql> select * from adminlogindb;
Empty set (0.00 sec)

mysql> select * from availableproducts;
Empty set (0.00 sec)

mysql> select * from booktables;
Empty set (0.00 sec)

mysql> select * from cart;
Empty set (0.00 sec)

mysql> select * from customerinfodb;
Empty set (0.00 sec)

mysql> select * from customerlogindb;
Empty set (0.00 sec)

mysql> select * from history;
Empty set (0.00 sec)

mysql> select * from ordertable;
Empty set (0.00 sec)

mysql> select * from tables;
Empty set (0.00 sec)
```

3. Table Population Queries

- ```sql
  INSERT INTO `adminlogindb` (`email`, `password`) VALUES
  ('kuddus@gmail.com', '1234');
  ```

- ```sql
  INSERT INTO `availableproducts` (`id`, `productname`, `price`, `stock`) VALUES
  (1, 'Burger', 200, 15),
  (2, 'CocaCola (250ml)', 30, 10),
  (3, 'MockTail', 90, 49),
  (4, 'Chowmein', 220, 0);
  ```

- ```sql
  INSERT INTO `customerinfodb` (`name`, `email`, `phone`, `username`, `password`) VALUES
  ('Prakhar Kant Kushwaha', 'prakhar@gmail.com', '01622727003', 'pkush@122', '1234'),
  ('Raman Kumar','raman@gmail.com','01622987921','rama@123','1221');
  ```

- ```sql
  INSERT INTO `customerlogindb` (`username`, `password`) VALUES
  ('pkush@122', '1234');
  ```

- ```sql
  INSERT INTO `history` (`pid`, `username`, `productname`, `quantity`, `totalprice`, `dtime`) VALUES
  ('1', 'pkush@122', 'Jumbo Burger', '4', '800', '2017-05-01 05:19:45 pm');
  ```

4. Query execution for retrieval of data from the database

```
mysql> select * from adminlogindb;
+------------------+----------+
| email            | password |
+------------------+----------+
| kuddus@gmail.com | 1234     |
+------------------+----------+
1 row in set (0.00 sec)

mysql> select * from availableproducts;
+----+-------------------+-------+-------+
| id | productname       | price | stock |
+----+-------------------+-------+-------+
|  1 | Burger            |   200 |    15 |
|  2 | CocaCola (250ml)  |    30 |    10 |
|  3 | MockTail          |    90 |    49 |
|  4 | Chowmein          |   220 |     0 |
+----+-------------------+-------+-------+
4 rows in set (0.02 sec)

mysql> select * from customerinfodb;
+----------------------+----------------------+-------------+----------+----------+
| name                 | email                | phone       | username | password |
+----------------------+----------------------+-------------+----------+----------+
| Prottay Nuraet       | mahafuj.rahman@ymail | 01622727003 | razib    | 1234     |
| Prakhar Kant Kushwah | prakhar@gmail.com    | 01622727003 | pkush@12 | 1234     |
| Raman Kumar          | raman@gmail.com      | 01622987921 | rama@123 | 1221     |
+----------------------+----------------------+-------------+----------+----------+
3 rows in set (0.00 sec)
```

```
mysql> select * from history;
+-----+-----------+-------------+----------+------------+-----------------------+
| pid | username  | productname | quantity | totalprice | dtime                 |
+-----+-----------+-------------+----------+------------+-----------------------+
| 1   | pkush@122 | Burger      | 2        | 400        | 2017-05-01 05:19:45 pm |
| 2   | rama@123  | CocaCola    | 4        | 120        | 2017-05-01 05:19:45 pm |
+-----+-----------+-------------+----------+------------+-----------------------+
2 rows in set (0.00 sec)

mysql> select * from tables;
+----------+------------------+
| table_id | seating_capacity |
+----------+------------------+
| 1        |                1 |
| 2        |                2 |
| 3        |                4 |
| 4        |                5 |
| 5        |                7 |
+----------+------------------+
5 rows in set (0.00 sec)

mysql>
```