

# BlendEats

Group 2 :- Aarshika Singh, Ankit Karn, Ishwor Giri

September 2020

## SQL Queries along with logs

-- ADDING DATA

=====

```
INSERT INTO member(uid, Fname, Lname, Country)
VALUES
```

```
(1, 'Ankit', 'Karn', 'Nepal'),
(2, 'Alex', 'Costa', 'U.S.A'),
(3, 'Shubhaman', 'Gill', 'India'),
(4, 'Pat', 'Cummins', 'Australia'),
(5, 'Sam', 'Curran', 'West Indies');
```

```
INSERT INTO member(uid, Fname, Lname, Country)
VALUES
```

```
(6, 'Ishwor', 'Giri', 'Nepal'),
(7, 'Aarshika', 'Singh', 'India'),
(8, 'John', 'Doe', 'Nepal');
```

--Food

```
INSERT INTO Food(fid, Title, Price, Image) VALUES (01, 'Momo', 1.2, 'Momo-pic');
INSERT INTO Food(fid, Title, Price, Image) VALUES (02, 'Burger', 2.0, 'Burger-pic');
INSERT INTO Food(fid, Title, Price, Image) VALUES (03, 'Biryani', 1.5, 'Biryani-pic');
INSERT INTO Food(fid, Title, Price, Image) VALUES (04, 'Pizza', 3.0, 'Pizza-pic');
INSERT INTO Food(fid, Title, Price, Image) VALUES (05, 'Noodles', 2.0, 'Noodles-pic');
INSERT INTO Food(fid, Title, Price, Image) VALUES (06, 'Pasta', 20.0, 'pasta-pic');
INSERT INTO Food(fid, Title, Price, Image) VALUES (07, 'Scones', 29.0, 'scones-pic');
```

--Admin table

```
INSERT INTO Admin(uid, permission_type) VALUES (6, 'Read,Edit,Delete');
INSERT INTO Admin(uid, permission_type) VALUES (7, 'Read,Edit,Delete');
INSERT INTO Admin(uid, permission_type) VALUES (8, 'Read');
```

--Client table

```
INSERT INTO Client(uid, preferred_payment) VALUES (1, 'Cash');
INSERT INTO Client(uid, preferred_payment) VALUES (3, 'Cash');
INSERT INTO Client(uid, preferred_payment) VALUES (5, 'Cash');
INSERT INTO Client(uid, preferred_payment) VALUES (6, 'PayPal');
```

--Offers table

```
INSERT INTO offers(uid, fid, oid) VALUES (1,1,0987);
INSERT INTO offers(uid, fid, oid) VALUES (2,2,0988);
INSERT INTO offers(uid, fid, oid) VALUES (3,3,0989);
INSERT INTO offers(uid, fid, oid) VALUES (4,4,0990);
INSERT INTO offers(uid, fid, oid) VALUES (5,5,0991);
INSERT INTO offers(uid, fid, oid) VALUES (1,5,0995);
INSERT INTO offers(uid, fid, oid) VALUES (2,6,0998);
```

--Request table

```
INSERT INTO Requests(uid, fid, rid)VALUES(1, 4, 0977);
INSERT INTO Requests(uid, fid, rid)VALUES(2, 1, 0978);
INSERT INTO Requests(uid, fid, rid)VALUES(3, 5, 0979);
INSERT INTO Requests(uid, fid, rid)VALUES(4, 1, 0980);
```

```

INSERT INTO Requests(uid, fid, rid)VALUES(5, 3, 0981);
INSERT INTO Requests(uid, fid, rid)VALUES(5, 1, 0982);

--Packaged food
INSERT INTO Packaged_Food(fid, bestbefore)VALUES(2, 10);
INSERT INTO Packaged_Food(fid, bestbefore)VALUES(4, 30);
INSERT INTO Packaged_Food(fid, bestbefore)VALUES(6, 2);
INSERT INTO Packaged_Food(fid, bestbefore)VALUES(7, 5);

--Cooked food
INSERT INTO Cooked_Food(fid, ingredients)VALUES(1, 'Chicken, Vegetables, Wheat');
INSERT INTO Cooked_Food(fid, ingredients)VALUES(3, 'Chicken, Rice, Indian spices');
INSERT INTO Cooked_Food(fid, ingredients)VALUES(5, 'Noodles, Spices');

--Vegan
INSERT INTO Vegan(fid)VALUES(4);
INSERT INTO Vegan(fid)VALUES(5);

--Vegetarian
INSERT INTO Vegetarian(fid)VALUES(2);
INSERT INTO Vegetarian(fid)VALUES(7);

--non veg halal
INSERT INTO n_veg_halal(fid)VALUES(3);

--non veg not halal
INSERT INTO n_veg_n_halal(fid)VALUES(6);
INSERT INTO n_veg_n_halal(fid)VALUES(1);

--RUNNING THE QUERIES AND CAPTURING LOGS
=====

--Query result
-----

SELECT M.Fname, O.fid
FROM member M, offers O , Food F
WHERE M.uid=O.uid AND O.fid=F.fid AND F.price<25;
+-----+-----+
| Fname      | fid |
+-----+-----+
| Ankit      | 1   |
| Alex       | 2   |
| Shubhaman  | 3   |
| Pat        | 4   |
| Ankit      | 5   |
| Sam        | 5   |
| Alex       | 6   |
+-----+-----+
7 rows in set (0.001 sec)
-----

SELECT M.Fname, M.country
FROM member M, Client C
WHERE M.uid = C.uid AND M.country = "India";
+-----+-----+
| Fname      | country |
+-----+-----+
| Shubhaman  | India   |
+-----+-----+
1 row in set (0.000 sec)
-----

SELECT P.bestbefore
FROM Packaged_Food P

```

```
WHERE P.bestbefore < 3;
```

```
+-----+
| bestbefore |
+-----+
|          2 |
+-----+
```

```
1 row in set (0.001 sec)
```

```
SELECT F.fid, O.fid
FROM Food F, offers O
WHERE F.fid = O.fid
GROUP BY F.price
HAVING COUNT(*) > 1;
```

```
+-----+-----+
| fid | fid |
+-----+-----+
|    5 |    5 |
+-----+-----+
```

```
1 row in set (0.001 sec)
```

```
SELECT AVG(F.price)
FROM Food F, offers O
WHERE F.fid = O.fid;
```

```
+-----+
| AVG(F.price) |
+-----+
|         4.5714 |
+-----+
```

```
1 row in set (0.000 sec)
```

```
SELECT F.price
FROM Food F
GROUP BY(F.price);
```

```
+-----+
| price |
+-----+
|      1 |
|      2 |
|      3 |
|     20 |
|     29 |
+-----+
```

```
5 rows in set (0.000 sec)
```

```
SELECT Count(M.uid) as usercount, M.country
FROM member M
GROUP BY M.country
HAVING usercount>1
```

```
+-----+-----+
| usercount | country |
+-----+-----+
|          2 | India   |
|          3 | Nepal   |
+-----+-----+
```

```
2 rows in set (0.001 sec)
```

```
SELECT M.Fname
FROM member M, Client C, Admin A
WHERE M.uid = C.uid AND M.uid= A.uid AND C.uid = A.uid
```

```
+-----+
```

```

| Fname |
+-----+
| Ishwor |
+-----+
1 row in set (0.001 sec)
-----

SELECT M.Fname, M.Lname
FROM member M, Admin A
WHERE M.uid = A.uid AND A.permission_type =('Read,Edit,Delete');
+-----+-----+
| Fname | Lname |
+-----+-----+
| Ishwor | Giri |
| Aarshika | Singh |
+-----+-----+
2 rows in set (0.001 sec)
-----

```