#Create Table Restaurant Profile

```
SQL> create table restaurant_profile(id number(32), restaurant_name varchar2(100), address varchar2(200), type varchar2(100), city varchar2(100), opening_hour varchar2(8), closing_hour
varchar2(8), description varchar2(1000), facilities_ID number(32), file_ID number(32));

Table created.


SQL> desc restaurant_profile
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ID                                                 NUMBER(32)
 RESTAURANT_NAME                                    VARCHAR2(100)
 ADDRESS                                            VARCHAR2(200)
 TYPE                                               VARCHAR2(100)
 CITY                                               VARCHAR2(100)
 OPENING_HOUR                                       VARCHAR2(8)
 CLOSING_HOUR                                       VARCHAR2(8)
 DESCRIPTION                                        VARCHAR2(1000)
 FACILITIES_ID                                      NUMBER(32)
 FILE_ID                                            NUMBER(32)
```

Create Table Restaurant Type

```
SQL> create table restaurant_type(id number(2), type varchar2(100));


Table created.


SQL> desc restaurant_type
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ID                                                 NUMBER(2)
 TYPE                                               VARCHAR2(100)
```

#Create Table Files

```
SQL> create table files(id number(32),file_url varchar2(1000));

Table created.


SQL> desc files;
 Name                                     Null?    Type
 ---------------------------------------- -------- -----------------------------

 ID                                                NUMBER(32)
 FILE_URL                                          VARCHAR2(1000)
```

#Create Table User Profile

```
SQL> create table user_profile(id NUMBER, name VARCHAR2(14), email VARCHAR2(20) CONSTRAINT email_format CHECK (REGEXP_LIKE (email, '^\w+(\.\w+)*+@\w+(\.\w+)+$')), phone
VARCHAR2(14), about VARCHAR2(30));

Table created.

SQL> desc user_profile;
 Name                                     Null?    Type
 ---------------------------------------- -------- ---------------------------

 ID                                                NUMBER
 NAME                                              VARCHAR2(14)
 EMAIL                                             VARCHAR2(20)
 PHONE                                             VARCHAR2(14)
 ABOUT                                             VARCHAR2(30)
```

#Create Table Leader Board

```
SQL> create table leader_board(id number, user_id number, posts_id number, league_id number);

Table created.

SQL> desc leader_board;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ID                                                 NUMBER
 USER_ID                                            NUMBER
 POSTS_ID                                           NUMBER
 LEAGUE_ID                                          NUMBER
```

#Create Table Posts

```
SQL> create table posts(id number, posted_at DATE, user_id number, post_description varchar2(100), file_id number);

Table created.

SQL> desc posts;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ID                                                 NUMBER
 POSTED_AT                                          DATE
 USER_ID                                            NUMBER
 POST_DESCRIPTION                                   VARCHAR2(100)
 FILE_ID                                            NUMBER
```

Create Table Promotional Posts

```
SQL> create table promotional_posts(id number, posted_at date, description varchar2(1000), file_url varchar2(100), references varchar2(100), restaurant_id number);

Table created.
SQL> desc promotional_posts;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ID                                                 NUMBER
 POSTED_AT                                          DATE
 DESCRIPTION                                        VARCHAR2(1000)
 FILE_URL                                           VARCHAR2(100)
 REFERENCES                                         VARCHAR2(100)
 RESTAURANT_ID                                      NUMBER
```

Create Table Menu

```
SQL> create table Menu(id number, restaurant_id number, food_item_id number);

Table created.

SQL> desc menu;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ID                                                 NUMBER
 RESTAURANT_ID                                      NUMBER
 FOOD_ITEM_ID                                       NUMBER
```

Create Table Food Category

```
SQL> create table food_category(id number, category_name varchar2(100), times_served varchar2(8));

Table created.

SQL> desc food_category;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ID                                                 NUMBER
 CATEGORY_NAME                                      VARCHAR2(100)
 TIMES_SERVED                                       VARCHAR2(8) NUMBER
```

Create Table Facilities

```
SQL> create table facilities(id number, has_parking number(1,0), has_lift number(1,0));

Table created.

SQL> desc facilities;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ID                                                 NUMBER
 HAS_PARKING                                        NUMBER(1)
 HAS_LIFT                                           NUMBER(1)
```

Create Table Offers

```
SQL> create table offers(id number, name varchar2(100), coupon_code varchar2(5), start_time timestamp, end_time timestamp, percentage float(3) constraint pr check(percentage
between 0.01 and 0.99), food_item_id number);


Table created.


SQL> desc offers;

Name                                     Null?    Type

---------------------------------------- -------- ----------------------------

 ID                                               NUMBER

 NAME                                             VARCHAR2(100)

 COUPON_CODE                                      VARCHAR2(5)

 START_TIME                                       TIMESTAMP(6)

 END_TIME                                         TIMESTAMP(6)

 PERCENTAGE                                       FLOAT(3)

 FOOD_ITEM_ID                                     NUMBER
```

Create Table Food Items

```
SQL> create table food_items(id number, price float(3), code varchar2(10), category_id number, rating_points float(2), image_url varchar2(100));
Table created.
SQL> desc food_items;
 Name                                      Null?    Type
 ----------------------------------------- -------- ----------------------------
 ID                                                 NUMBER
 PRICE                                              FLOAT(3)
 CODE                                               VARCHAR2(10)
 CATEGORY_ID                                        NUMBER
 RATING_POINTS                                      FLOAT(2)
 IMAGE_URL                                          VARCHAR2(100)
```