mysql> create database FashionRecommendationSystem;

Query OK, 1 row affected (8.86 sec)

mysql> use FashionRecommendationSystem;

Database changed

mysql> create table Admin(adminID varchar(255) primary key, email varchar(255),phoneNo integer(10));

Query OK, 0 rows affected, 1 warning (9.44 sec)

mysql> create table User(userID varchar(255) primary key,userName varchar(255),email varchar(255),age int(2),gender varchar(10),bodyType varchar(255),preferredStyles varchar(255),favoriteColors varchar(255));

Query OK, 0 rows affected, 1 warning (0.71 sec)

mysql> create table Occasion(occasionID varchar(255) primary key,description varchar(255));

Query OK, 0 rows affected (0.98 sec)

mysql> create table Weather(weatherID varchar(255) primary key,temperature varchar(255), weatherType varchar(255), windspeed varchar(255));

Query OK, 0 rows affected (0.56 sec)

mysql> create table Feedback(feedbackID varchar(255) primary key,recommendationID varchar(255),rating int(5),comment varchar(255));

Query OK, 0 rows affected, 1 warning (0.80 sec)

mysql> create table FashionItem(itemID varchar(255)primary key, occasionID varchar(255),itemName varchar(255),itemType varchar(255),material varchar(255),brand varchar(255),color varchar(255),size int(10),foreign key(occasionID) references Occasion(occasionID));

Query OK, 0 rows affected, 1 warning (1.57 sec)

mysql> create table Recommendation(recommendationID varchar(255),fashionItem varchar(255),fashionName varchar(255),weatherID varchar(255),occasionID varchar(255),brand varchar(255),color varchar(255),

-> foreign key(fashionItem) references fashionitem(itemID),

-> foreign key(weatherID) references weather(weatherID),

-> foreign key(occasionID) references occasion(occasionID));

Query OK, 0 rows affected (1.30 sec)

mysql> desc admin;

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

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

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

| adminID | varchar(255) | NO | PRI | NULL | |

| email | varchar(255) | YES | | NULL | |

| phoneNo | int | YES | | NULL | |

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

3 rows in set (0.19 sec)

mysql> desc fashionitem;

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

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

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

| itemID | varchar(255) | NO | PRI | NULL | |

| occasionID | varchar(255) | YES | MUL | NULL | |

| itemName | varchar(255) | YES | | NULL | |

| itemType | varchar(255) | YES | | NULL | |

| material | varchar(255) | YES | | NULL | |

| brand | varchar(255) | YES | | NULL | |

| color | varchar(255) | YES | | NULL | |

| size | int | YES | | NULL | |

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

8 rows in set (0.00 sec)

mysql> desc feedback;

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

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

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

| feedbackID | varchar(255) | NO | PRI | NULL | |

| recommendationID | varchar(255) | YES | | NULL | |

| rating | int | YES | | NULL | |

| comment | varchar(255) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> desc occasion;

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

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

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

| occasionID | varchar(255) | NO | PRI | NULL | |

| description | varchar(255) | YES | | NULL | |

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

2 rows in set (0.00 sec)

mysql> desc user;

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

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

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

| userID | varchar(255) | NO | PRI | NULL | |

| userName | varchar(255) | YES | | NULL | |

| email | varchar(255) | YES | | NULL | |

| age | int | YES | | NULL | |

| gender | varchar(10) | YES | | NULL | |

| bodyType | varchar(255) | YES | | NULL | |

| preferredStyles | varchar(255) | YES | | NULL | |

| favoriteColors | varchar(255) | YES | | NULL | |

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

8 rows in set (0.00 sec)

mysql> desc weather;

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

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

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

| weatherID | varchar(255) | NO | PRI | NULL | |

| temperature | varchar(255) | YES | | NULL | |

| weatherType | varchar(255) | YES | | NULL | |

| windspeed | varchar(255) | YES | | NULL | |

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

4 rows in set (0.00 sec)

mysql> desc Recommendation;

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

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

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

| recommendationID | varchar(255) | YES | | NULL | |

| fashionItem | varchar(255) | YES | MUL | NULL | |

| fashionName | varchar(255) | YES | | NULL | |

| weatherID | varchar(255) | YES | MUL | NULL | |

| occasionID | varchar(255) | YES | MUL | NULL | |

| brand | varchar(255) | YES | | NULL | |

| color | varchar(255) | YES | | NULL | |

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

7 rows in set (0.00 sec)

mysql> desc recommendation;

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

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

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

| recommendationID | varchar(255) | NO | PRI | NULL | |

| fashionItem | varchar(255) | YES | MUL | NULL | |

| fashionName | varchar(255) | YES | | NULL | |

| weatherID | varchar(255) | YES | MUL | NULL | |

| occasionID | varchar(255) | YES | MUL | NULL | |

| brand | varchar(255) | YES | | NULL | |

| color | varchar(255) | YES | | NULL | |

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

alter table fashionitem drop foreign key fashionitem\_ibfk\_1;

Query OK, 0 rows affected (1.71 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table fashionitem drop column occasionID;

Query OK, 0 rows affected (2.86 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table fashionitem add column occasionID varchar(255);

Query OK, 0 rows affected (0.50 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table fashionitem add foreign key (occasionID) references occasion (occasionID);

Query OK, 0 rows affected (2.52 sec)

Records: 0 Duplicates: 0 Warnings: 0

alter table fashionitem drop column occasionID;

ERROR 1828 (HY000): Cannot drop column 'occasionID': needed in a foreign key constraint 'fashionitem\_ibfk\_1'

mysql> alter table recommendation add foreign key (occasionID) references occasion (occasionID);

ERROR 1072 (42000): Key column 'occasionID' doesn't exist in table

mysql> alter table recommendation add column occasionID varchar(255);

Query OK, 0 rows affected (1.83 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table recommendation add column weatherID varchar(255);

Query OK, 0 rows affected (0.58 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table recommendation add column fashionitem varchar(255);

Query OK, 0 rows affected (0.97 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table recommendation add foreign key (occasionID) references occasion (occasionID);

Query OK, 0 rows affected (3.38 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table recommendation add foreign key (weatherID) references weather (weatherID);

Query OK, 0 rows affected (1.59 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> alter table recommendation add foreign key (fashionitem) references fashionitem (fashionitem);

ERROR 3734 (HY000): Failed to add the foreign key constraint. Missing column 'fashionitem' for constraint 'recommendation\_ibfk\_3' in the referenced table 'fashionitem'

mysql> alter table recommendation add foreign key (fashionitem) references fashionitem (itemID);

Query OK, 0 rows affected (1.80 sec)

Records: 0 Duplicates: 0 Warnings: 0

desc recommendation;

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

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

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

| recommendationID | varchar(255) | NO | PRI | NULL | |

| fashionName | varchar(255) | YES | | NULL | |

| brand | varchar(255) | YES | | NULL | |

| color | varchar(255) | YES | | NULL | |

| occasionID | varchar(255) | YES | MUL | NULL | |

| weatherID | varchar(255) | YES | MUL | NULL | |

| fashionitem | varchar(255) | YES | MUL | NULL | |

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