Activity Tracker

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ER DIAGRAM
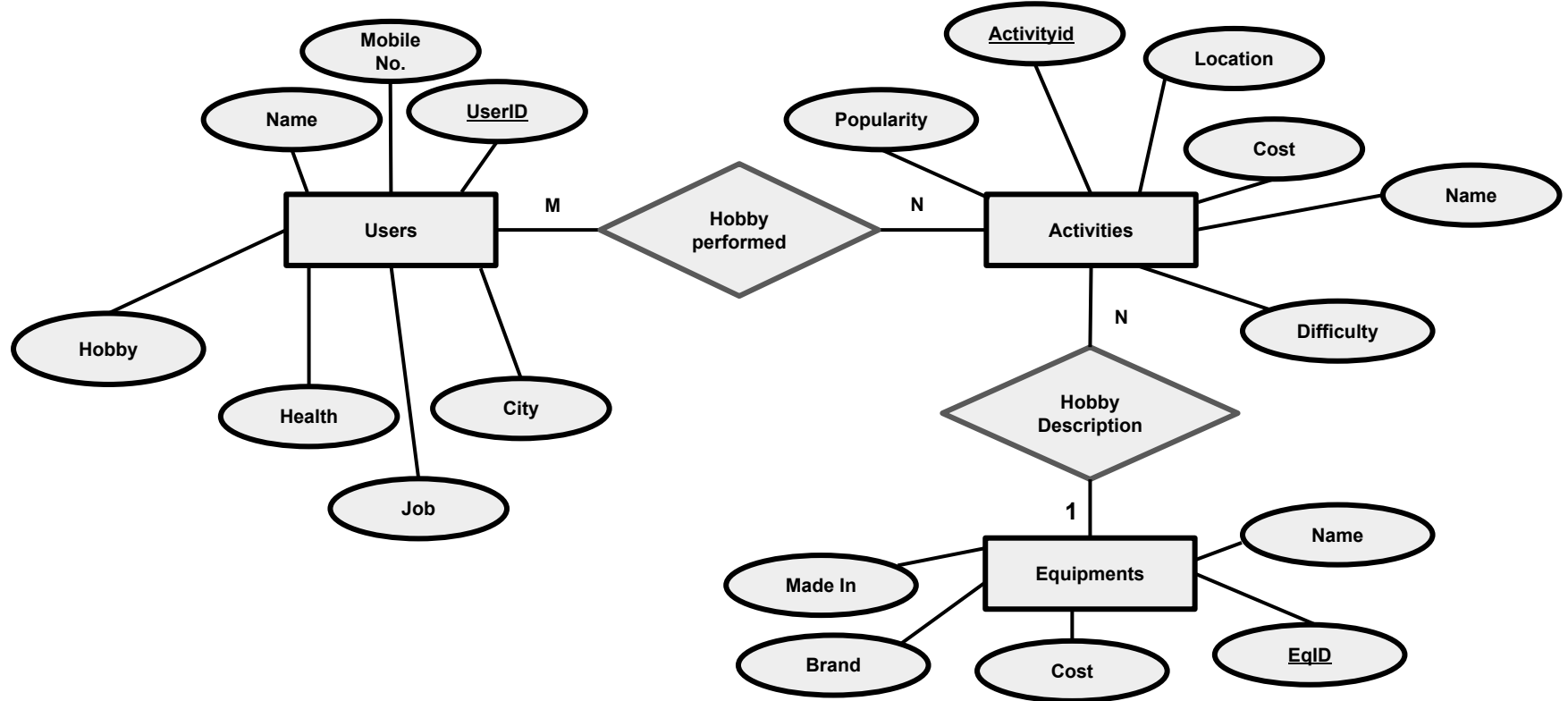
Details for Users

- UserID is unique identification for every user (INT, Primary Key)
- Name is the full name of user (VARCHAR)
- Mobile contains mobile number of user (BIGINT)
- Health refers to the health status of the user (VARCHAR)
- City refers to the city of user's residence (VARCHAR)
- Job is the name of user's job (VARCHAR)
- Hobby is the name of the user's activity (VARCHAR)

CREATE for users

```
mysql> CREATE TABLE users (
    -> userid INT AUTO_INCREMENT,
    -> name VARCHAR(255),
    -> mobile BIGINT,
    -> job VARCHAR(255),
    -> health VARCHAR(255),
    -> city VARCHAR(255),
    -> hobby VARCHAR(255),
    -> PRIMARY KEY(userid));
Query OK, 0 rows affected (0.01 sec)
```

DESC for users

```
[mysql> desc users;
+---------+--------------+------+-----+---------+----------------+
| Field   | Type         | Null | Key | Default | Extra          |
+---------+--------------+------+-----+---------+----------------+
| userid  | int          | NO   | PRI | NULL    | auto_increment |
| name    | varchar(255) | YES  |     | NULL    |                |
| mobile  | bigint       | YES  |     | NULL    |                |
| job     | varchar(255) | YES  |     | NULL    |                |
| health  | varchar(255) | YES  |     | NULL    |                |
| city    | varchar(255) | YES  |     | NULL    |                |
| hobby   | varchar(255) | YES  |     | NULL    |                |
+---------+--------------+------+-----+---------+----------------+
7 rows in set (0.00 sec)
```

Details for Activities

- AcitivtyID is the unique identification of each activity (INT, PRIMARY KEY)
- Name is the name of every activity and it's unique (VARCHAR)
- Location refers to the place of performing activity, like football field (VARCHAR)
- Cost refers to the charge of performing activity like membership fee (INT)
- Popularity refers to the number of people engaging in the activity (INT)
- Difficulty refers to the difficulty of the activity on scale of 1 to 10 (INT)

CREATE for activities

```
[mysql> CREATE TABLE activities (
[    -> activityid INT AUTO_INCREMENT,
[    -> name VARCHAR(255),
[    -> location VARCHAR(255),
[    -> popularity INT,
[    -> cost INT,
[    -> difficulty INT,
[    -> PRIMARY KEY(activityid));
Query OK, 0 rows affected (0.02 sec)
```

DESC for activities

```
[mysql> DESC activities;
+------------+--------------+------+-----+---------+----------------+
| Field      | Type         | Null | Key | Default | Extra          |
+------------+--------------+------+-----+---------+----------------+
| activityid | int          | NO   | PRI | NULL    | auto_increment |
| name       | varchar(255) | YES  |     | NULL    |                |
| location   | varchar(255) | YES  |     | NULL    |                |
| popularity | int          | YES  |     | NULL    |                |
| cost       | int          | YES  |     | NULL    |                |
| difficulty | int          | YES  |     | NULL    |                |
+------------+--------------+------+-----+---------+----------------+
6 rows in set (0.01 sec)
```

Details for Equipment

- EqID is unique identification for every equipment (INT, PRIMARY KEY)
- Name is the name of every equipment (VARCHAR)
- Brand is the name of the company producing the equipment (VARCHAR)
- Cost of the cost of the equipment (INT)
- MadeIn is the country of production for the equipment (VARCHAR)

CREATE for equipment

```
mysql> CREATE TABLE equipment (
    -> eqid INT AUTO_INCREMENT,
    -> name VARCHAR(255),
    -> brand VARCHAR(255),
    -> cost INT,
    -> madein VARCHAR(255),
    -> PRIMARY KEY(eqid));
Query OK, 0 rows affected (0.01 sec)
```

DESC for equipment

```
+--------+---------------+------+-----+---------+----------------+
| Field  | Type          | Null | Key | Default | Extra          |
+--------+---------------+------+-----+---------+----------------+
| eqid   | int           | NO   | PRI | NULL    | auto_increment |
| name   | varchar(255)  | YES  |     | NULL    |                |
| brand  | varchar(255)  | YES  |     | NULL    |                |
| cost   | int           | YES  |     | NULL    |                |
| madein | varchar(255)  | YES  |     | NULL    |                |
+--------+---------------+------+-----+---------+----------------+
5 rows in set (0.01 sec)
```