coursera

Assignment Specifications: Many-to-Many

Example: Walkthrough for assignment

Perform the instructions below and upload your JSON export of the resulting database in your in

Tables for the Assignment

Create the following tables in a database named "roster". Make sure that your database and tabl including matching case.

```
1    DROP TABLE IF EXISTS Member;
2    DROP TABLE IF EXISTS `User`;
3    DROP TABLE IF EXISTS Course;
4
5    CREATE TABLE `User` (
6        user_id     INTEGER NOT NULL AUTO_INCREMENT,
7        name        VARCHAR(128) UNIQUE,
8        PRIMARY KEY(user_id)
9    ) ENGINE=InnoDB CHARACTER SET=utf8;
10
11   CREATE TABLE Course (
12       course_id     INTEGER NOT NULL AUTO_INCREMENT,
13       title         VARCHAR(128) UNIQUE,
14       PRIMARY KEY(course_id)
15   ) ENGINE=InnoDB CHARACTER SET=utf8;
16
17   CREATE TABLE Member (
18       user_id       INTEGER,
19       course_id     INTEGER,
20       role          INTEGER,
21
22       CONSTRAINT FOREIGN KEY (user_id) REFERENCES `User` (user_id)
23         ON DELETE CASCADE ON UPDATE CASCADE,
24       CONSTRAINT FOREIGN KEY (course_id) REFERENCES Course (course_i
25          ON DELETE CASCADE ON UPDATE CASCADE,
26
27       PRIMARY KEY (user_id, course_id)
28   ) ENGINE=InnoDB CHARACTER SET=utf8;
29
```

Example: Data