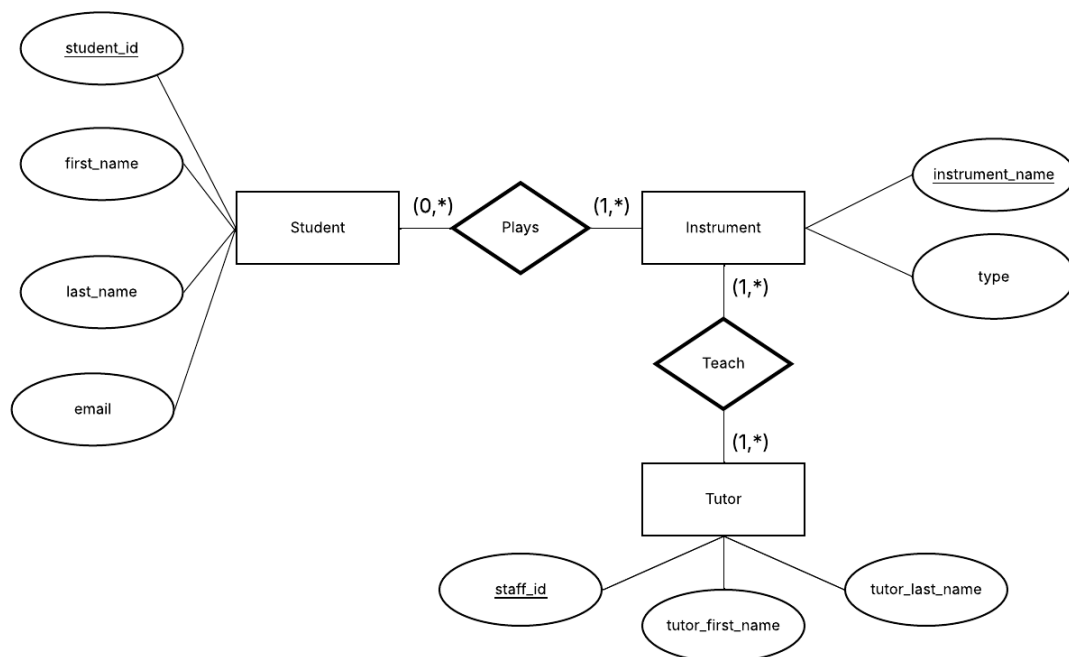


Lab Exercise Three

1. Log into PHPMyAdmin and make sure you can see the database (which is your username). To find your default password, do the following:
 - a. In the Linux lab, open a terminal window and run the *id* command
 - b. You will see uid=some number (e.g. uid=123456(jbowen))
 - c. Your password will be **my123456sql** (replacing 123456 with your uid)
2. Look at the partial ER diagram below which represents some of the requirements for a musical instrument tuition database. Using any text editor create a file called music.sql and write the SQL queries required to create the tables, attributes and relations as described in the ER diagram. Import the SQL file into your database.



3. Create a file called 'insert.sql', write SQL queries to enter the following data into the Student, Instrument and Tutor tables created in step 2:
 - a. Five students (use any values you choose for the field data)
 - b. Five tutors (use any values you choose for the field data)
 - c. The following instruments and types:

i. Oboe	woodwind
ii. Flute	woodwind
iii. Piano	percussion
iv. Drums	percussion
v. Guitar	strings
vi. Violin	strings
vii. Cello	strings

4. Create a file called 'update.sql', write SQL queries to enter data which ensures each student plays *at least one* instrument and each tutor teaches at *least one* instrument.

Assessment

You need to get each lab exercise signed off in one of the supervised labs. Deadline for exercise three is **Thursday 31st July**.