Create User statement

CREATE TABLE user\_details(

user\_id INT( 11 ) NOT NULL AUTO\_INCREMENT PRIMARY KEY ,

username VARCHAR( 30 ) NOT NULL ,

pass VARCHAR( 30 ) NOT NULL ,

first\_name VARCHAR( 30 ) NOT NULL ,

last\_name VARCHAR( 30 ) NOT NULL

)

CREATE TABLE user\_achievement(

user\_id INT(10),

achievement\_id INT(10),

acgievement\_des VARCHAR(30),

unlocked INT NOT NULL default 0,

FOREIGN KEY (user\_id) REFERENCES user\_details(user\_id),

PRIMARY KEY (achievement\_id)

);

INSERT INTO user\_achievement (achievement\_id, achievment\_des) VALUES(1,'Register');

INSERT INTO user\_achievement (achievement\_id, achievment\_des) VALUES(2,'Learn beginner chords');

INSERT INTO user\_achievement (achievement\_id, achievment\_des) VALUES(3,'Learn intermediate chords');

INSERT INTO user\_achievement (achievement\_id, achievment\_des) VALUES(4,'Record audio');

INSERT INTO user\_achievement (achievement\_id, achievment\_des) VALUES(5,'Learn basic guitar riffs');

INSERT INTO user\_achievement (achievement\_id, achievment\_des) VALUES(6,'learn intermediate guitar riffs');

INSERT INTO user\_achievement (achievement\_id, achievment\_des) VALUES(7,'Send audio');

**Alternate create statement**

CREATE TABLE user\_details(

userid INT(10) NOT NULL AUTO\_INCREMENT,

username VARCHAR (20) NOT NULL,

pass VARCHAR(40)NOT NULL,

first\_name VARCHAR(20)NOT NULL,

last\_name VARCHAR(30)NOT NULL,

PRIMARY KEY (userid)

);

CREATE TABLE achievements(

achievement\_id INT(10) NOT NULL AUTO\_INCREMENT,

achievement VARCHAR(30),

text VARCHAR(100),

PRIMARY KEY (achievement\_id)

);

CREATE TABLE user\_achievement(

userid INT(10),

achievement\_id INT(10),

unlocked boolean NOT NULL default 0,

FOREIGN KEY (userid) REFERENCES user\_details(userid),

FOREIGN KEY (achievement\_id) REFERENCES achievements(achievement\_id)

);

INSERT INTO achievements (achievement\_id,achievement,achievement\_description) VALUES(1,'Register','Register Successfully');

INSERT INTO achievements (achievement\_id,achievement, achievement\_description) VALUES(2,'Learned Beginer Chords','Learn beginer chord transitions');

INSERT INTO achievements (achievement\_id,achievement, achievement\_description) VALUES(3,'Learn Intermediate Chords','Learn intermediate chord transitions');

INSERT INTO achievements (achievement\_id,achievement, achievement\_description) VALUES(4,'Record Audio','Record audio within the app');

INSERT INTO achievements (achievement\_id,achievement, achievement\_description) VALUES(5,'Learn Beginner Riffs','Learn beginner guitar riffs');

INSERT INTO achievements (achievement\_id,achievement, achievement\_description) VALUES(6,'Learn Intermediate Riffs','Learn intermediate guitar riffs');

INSERT INTO achievements (achievement\_id,achievement, achievement\_description) VALUES(7,'Send Audio Riffs','Send recorded audio to guitar tutor');

Update statement

UPDATE user\_achievement SET unlocked = 1 WHERE achievement\_id=2 AND userid=39;