- 1. STUDENT NAME
 - a. MICHAEL EWING
- 2. URL to STUDENT WEB SITE
 - a. http://cis-linux2.temple.edu:8080/FA22_3308_tuj25271/index.html#/home
- 3. User_role TABLE DESIGN

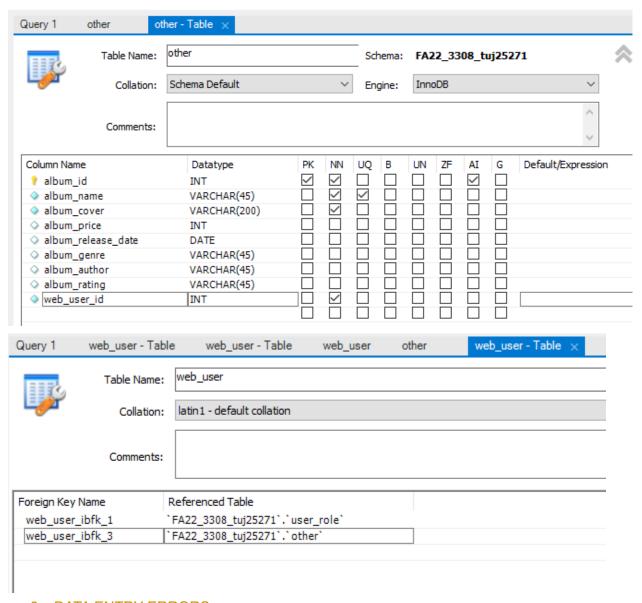
Table Name:	user_role									
Column Name vuser_role_id	Datatype INT(11)	PK	NN ✓	UQ ✓	В	UN	ZF	AI	G	Default/Expression
user_role_type	VARCHAR(10)		<u>~</u>	✓						

4. Web_user TABLE DESIGN and FOREIGN KEY

Table Name:	web_user									
Column Name	Datatype	PK	NN	UQ	В	UN	ZF	ΑI	G	Default/Expression
<pre>web_user_id</pre>	INT(11)	\checkmark	~					~		
user_email	VARCHAR(45)		~	~						
user_password	VARCHAR(45)		~							
image	VARCHAR(300)									NULL
membership_fee	DECIMAL(8,2)									NULL
 birthday 	DATE									NULL
user_role_id	INT(11)		~							

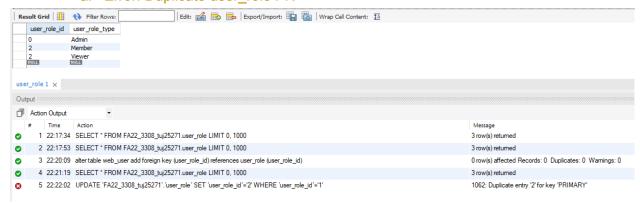
Query 1 ×	
iii iii iii iii iii ii iii ii ii ii ii	rs 🔻 🚖 🥩 🔍 👖 🖫
1 • alter table web_user add foreign key (user_r	role_id) references user_role (user_role_id);

5. "OTHER" TABLE DESIGN AND FOREIGN KEY



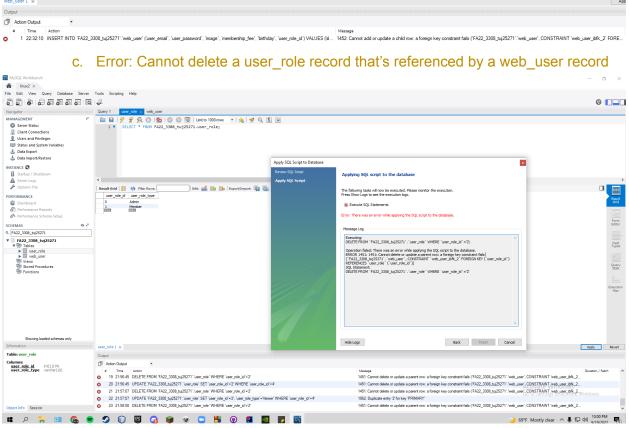
6. DATA ENTRY ERRORS

a. Error: Duplicate user role PK

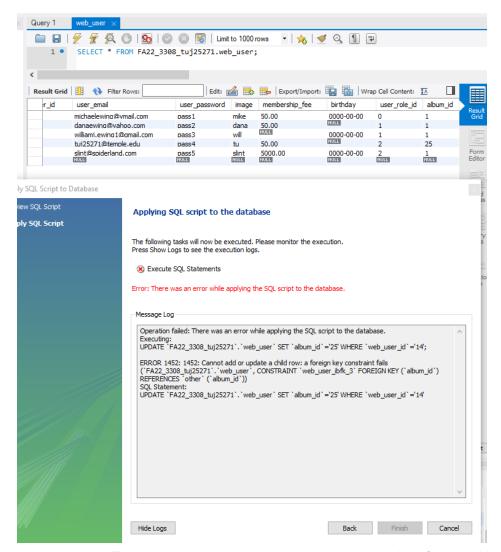


b. Error: Invalid user_role FK in web_user record

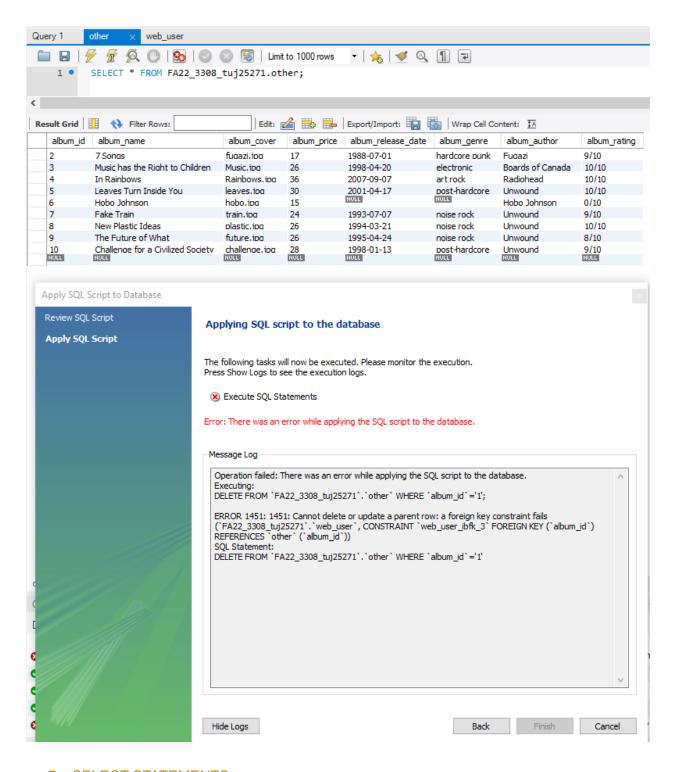




d. Invalid web user FK in "other" record

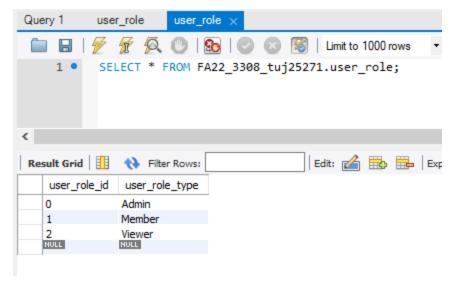


e. Error trying to delete a web_user record that's referenced by an "other" record

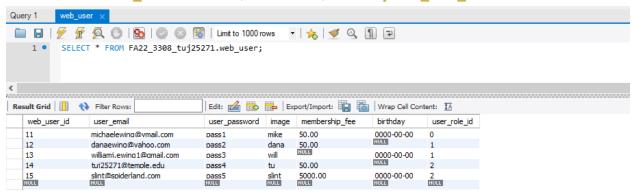


7. SELECT STATEMENTS

a. USER ROLE: all rows, all columns, sorted by user role id

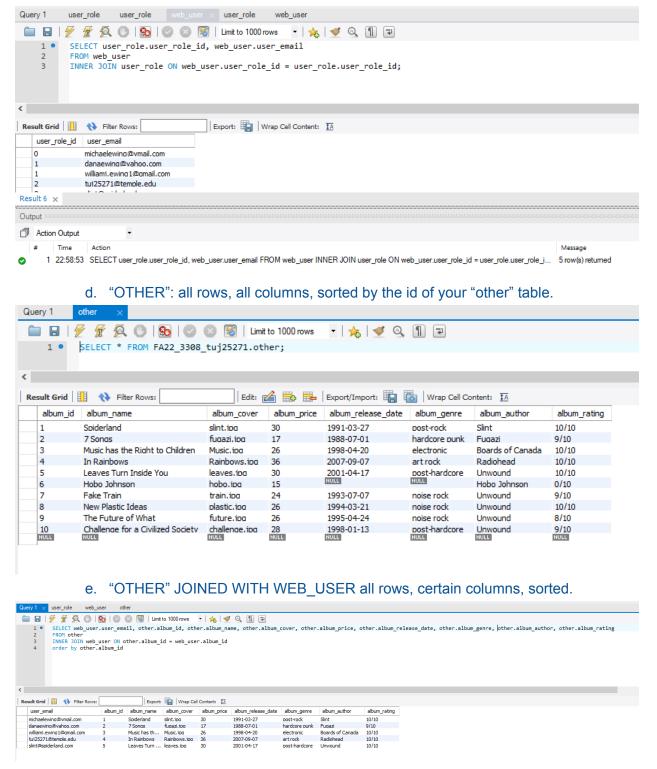


b. WEB_USER: all rows, all columns, sorted by web_user_id





c. WEB_USER JOINED WITH USER_ROLE: all rows, certain columns, sorted.



f. "OTHER" JOINED WITH WEB USER some rows, certain columns, sorted.

