- 1. STUDENT NAME: Patrick Doyle
- 2. URL to STUDENT WEB SITE:

http://cis-linux2.temple.edu:8080/SP22_3308_tuh15728/index.html#/home

3. user_role TABLE DESIGN

Query 1	user_role - Table	user_role - Table ×										
	Table Name:	user_role							Schen	na:	5P22_3	3308_tuh15728
	Collation:	latin1 - default collation						~	Engin	e:	InnoDB	
	Comments:											
Column Name	· · · · · · · · · · · · · · · · · · ·	Datatype	PK	NN	UQ	В	UN	ZF	ΑI	G	Defau	lt/Expression
vser_role_id		INT(11)	\checkmark									
user_role_type		VARCHAR(10)		~	~							
TTC	Table Name:	GN and FOREIGN KEY] s	chema:	SP22_3308_tuh
	Collation:	latin 1 - default collation							~	Е	ngine:	InnoDB
	Comments:											
Column Name		Datatype		PK	NN	UQ	В	UN	N ZF	=	AI G	Default/Express
<pre>web_user_id</pre>		INT(11)		\checkmark	✓ ✓	Ц	닏	닏] [<u> </u>]
user_email		VARCHAR(45)		님	\leq	~	닏	ᆜ] [┥]
user_password		VARCHAR(45)		H	\leq	H	H	⊢] [<u> </u>]
image	Lin Con	VARCHAR(300)		H	H	H	H	⊢] L	<u> </u>	NULL
membersbirthday		DECIMAL(8,2) DATE		H	H	H	H	⊢		J L	┥ ┝	NULL NULL
user_role		INT(11)		H		H	H	H] [-	NOLL
▼ user_role	:_iu Table Name:									J		J
100	Table Name.											
	Collation:	latin1 - default collation							`			
	Comments:											
Foreign Key N	lame	Referenced Table				Colur	mn					
web_user_ibfk_1		`SP22_3308_tuh15728`.`user_role`										

5. "OTHER" TABLE DESIGN and FOREIGN KEY

Table Name	e: food					Sche	ma: SP22_3308_tuh15728
Column Name food_id food_name food_img food_date_ordered food_rating food_description web_user_id	Datatype INT(11) VARCHAR(45) VARCHAR(200) DATE INT(11) VARCHAR(200) INT(11)	PK NN	UQ B	UN 2	ZF AI	G	Default/Expression NULL NULL
Table Name:	food					Schema	a: SP22_3308_tuh15728
Foreign Key Name	Referenced Table		Column		R	eferenc	ed Column
web_user_id	`SP22_3308_tuh15728`.`web_i	user`	foo foo	d_id d_name d_img d_date_o d_rating d_descrip o_user_id	ption	eb_use	r_id

a) Error: Duplicate user_role PK

Applying SQL script to the database

The following tasks will now be executed. Please monitor the execution. Press Show Logs to see the execution logs.

★ Execute SQL Statements

Error: There was an error while applying the SQL script to the database.

```
Operation failed: There was an error while applying the SQL script to the database.

Executing:
INSERT INTO `SP22_3308_tuh15728`.`user_role` (`user_role_id`, `user_role_type`) VALUES ('2', 'owner');

ERROR 1062: 1062: Duplicate entry '2' for key 'PRIMARY'
SQL Statement:
INSERT INTO `SP22_3308_tuh15728`.`user_role` (`user_role_id`, `user_role_type`) VALUES ('2', 'owner')
```

b) Error: Invalid user_role FK in web_user record

Error: There was an error while applying the SQL script to the database.

```
Operation failed: There was an error while applying the SQL script to the database.

Executing:

UPDATE `SP22_3308_tuh15728`.`web_user` SET `user_role_id`='7' WHERE `web_user_id`='12';

ERROR 1452: 1452: Cannot add or update a child row: a foreign key constraint fails

(`SP22_3308_tuh15728`.`web_user`, CONSTRAINT `web_user_ibfk_1` FOREIGN KEY (`user_role_id`))

REFERENCES `user_role` (`user_role_id`))

SQL Statement:

UPDATE `SP22_3308_tuh15728`.`web_user` SET `user_role_id`='7' WHERE `web_user_id`='12'
```

c) Error: Cannot delete a user_role record that's referenced by a web _user record

Error: There was an error while applying the SQL script to the database.

```
Operation failed: There was an error while applying the SQL script to the database.

Executing:

DELETE FROM `SP22_3308_tuh15728`.`user_role` WHERE `user_role_id`='1';

ERROR 1451: 1451: Cannot delete or update a parent row: a foreign key constraint fails
(`SP22_3308_tuh15728`.`web_user`, CONSTRAINT `web_user_ibfk_1` FOREIGN KEY (`user_role_id`)

REFERENCES `user_role` (`user_role_id`))

SQL Statement:

DELETE FROM `SP22_3308_tuh15728`.`user_role` WHERE `user_role_id`='1'
```

d) Invalid web_user FK in "other" record

Error: There was an error while applying the SQL script to the database.

Operation failed: There was an error while applying the SQL script to the database.	,
Executing: UPDATE `SP22_3308_tuh15728`.`food` SET `web_user_id`='15' WHERE ;	
ERROR 1064: 1064: You have an error in your SQL syntax; check the manual that correspon MySQL server version for the right syntax to use near " at line 1	ds to your
QL Statement: JPDATE `SP22_3308_tuh15728`,`food` SET `web_user_id`='15' WHERE	

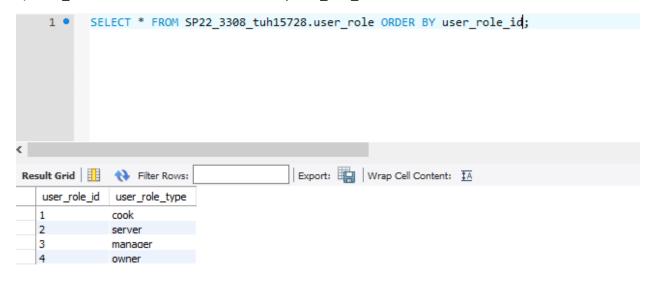
e) Error trying to delete a web_user record that's referenced by an "other" record

Error: There was an error while applying the SQL script to the database.

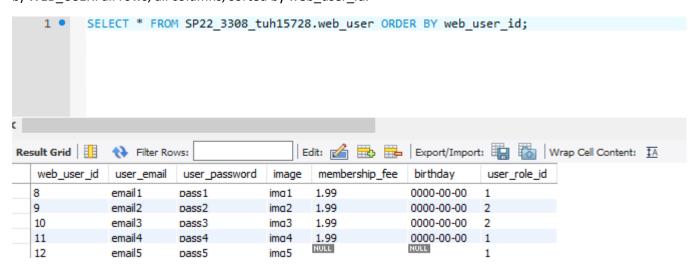
Message Log	
Executing: DELETE FROM `SP22_3308_tuh15728`.`web	o_user` WHERE `web_user_id` ='9';
	a parent row: a foreign key constraint fails INT `web_user_id` FOREIGN KEY (`web_user_id`) DN DELETE NO ACTION ON UPDATE NO ACTION)
	~

7. SELECT STATEMENTS

a) USER_ROLE: all rows, all columns, sorted by user_role_id.

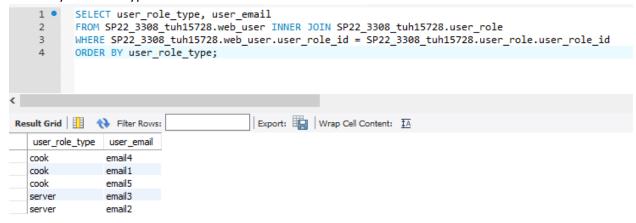


b) WEB_USER: all rows, all columns, sorted by web_user_id.

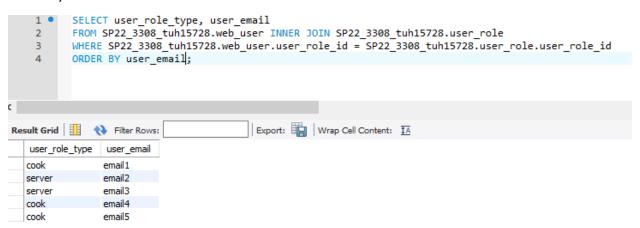


c) WEB_USER JOINED WITH USER_ROLE: all rows, certain columns, sorted.

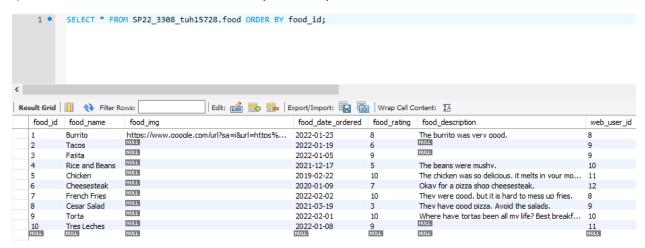
sorted by user role type:



sorted by user email:

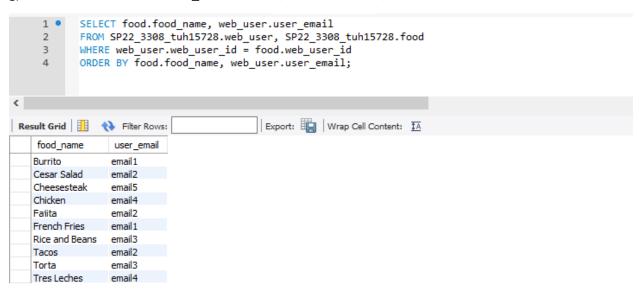


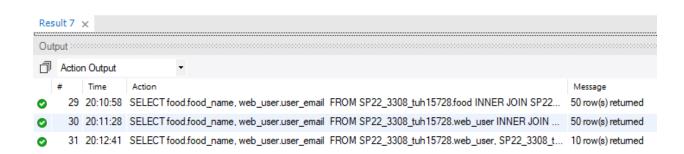
f) "OTHER": all rows, all columns, sorted by the id of your "other" table.





g) "OTHER" JOINED WITH WEB_USER all rows, certain columns, sorted.





h) "OTHER" JOINED WITH WEB_USER some rows, certain columns, sorted



