1. STUDENT NAME

Luis Orbe

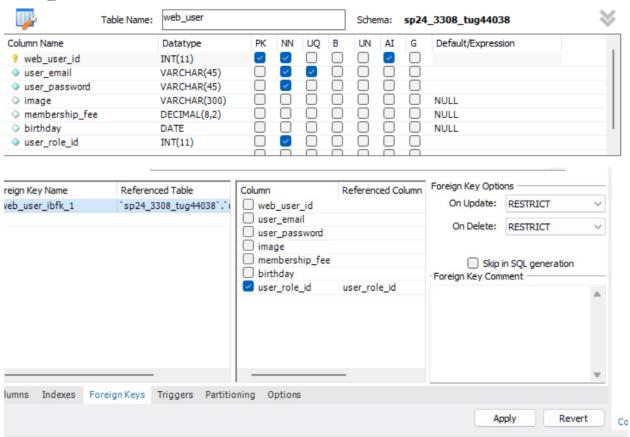
2. URL to STUDENT WEB SITE

https://cis-linux2.temple.edu/tomcat/sp24_3308_tug44038/index.html

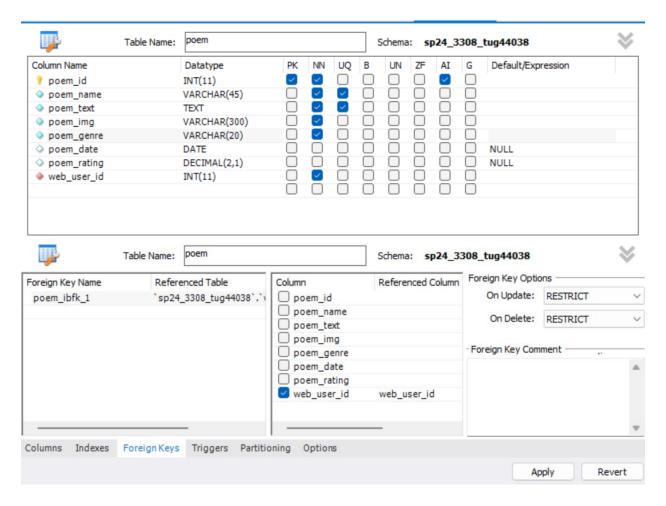
3. user_role TABLE DESIGN

Col	umn Name	Datatype	PK	NN	UQ	В	UN	ZF	ΑI	G	Default/Expression	
?	user_role_id	INT(11)	$[\checkmark]$	\smile	$[\checkmark]$							
(user_role_type	VARCHAR(10)		$[\checkmark]$	$[\checkmark]$							

4. web_user TABLE DESIGN and FOREIGN KEY



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

a)

6 23:29:33 INSERT INTO 'sp24_3308_tug44038'.'user_role' ('user_role_tid', 'user_role_type') ... 1062: Duplicate entry '1' for key 'PRIMARY'

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

```
Executing:
INSERT INTO `sp24_3308_tug44038`.`web_user` (`user_email`, `user_password`, `image`, `membership_fee`, `birthday`, `user_role_id`) VALUES ('test5@gmail.com', 'test123', 'poem7.jpg', '20.00', '2001-01-01', '3');

Operation failed: There was an error while applying the SQL script to the database.
ERROR 1452: 1452: Cannot add or update a child row: a foreign key constraint fails
(`sp24_3308_tug44038`.`web_user`, CONSTRAINT `web_user_ibfk_1` FOREIGN KEY (`user_role_id`))
REFERENCES `user_role` (`user_role_id`))
SQL Statement:
INSERT INTO `sp24_3308_tug44038`.`web_user` (`user_email`, `user_password`, `image`, `membership_fee`, `birthday`, `user_role_id`) VALUES ('test5@gmail.com', 'test123', 'poem7.jpg', '20.00', '2001-01-01', '3')
```

c)

★ Execute SQL Statements

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

```
Executing:

DELETE FROM `sp24_3308_tug44038`.`user_role` WHERE (`user_role_id` = '2');

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

ERROR 1451: 1451: Cannot delete or update a parent row: a foreign key constraint fails
(`sp24_3308_tug44038`.`web_user`, CONSTRAINT`web_user_ibfk_1` FOREIGN KEY (`user_role_id`)

REFERENCES`user_role` (`user_role_id`))

SQL Statement:

DELETE FROM `sp24_3308_tug44038`.`user_role` WHERE (`user_role_id` = '2')
```

Message Log

Executing:
DELETE FROM `sp24_3308_tug44038`.`web_user` WHERE (`web_user_id` = '1');

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

ERROR 1451: 1451: Cannot delete or update a parent row: a foreign key constraint fails
(`sp24_3308_tug44038`.`poem`, CONSTRAINT`poem_ibfk_1` FOREIGN KEY (`web_user_id`)

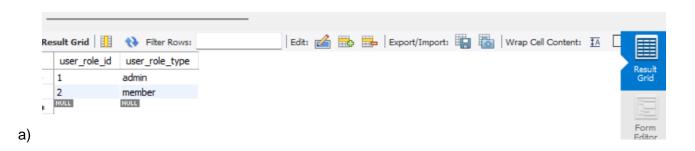
REFERENCES `web_user` (`web_user_id`))

SQL Statement:

DELETE FROM `sp24_3308_tug44038`.`web_user` WHERE (`web_user_id` = '1')

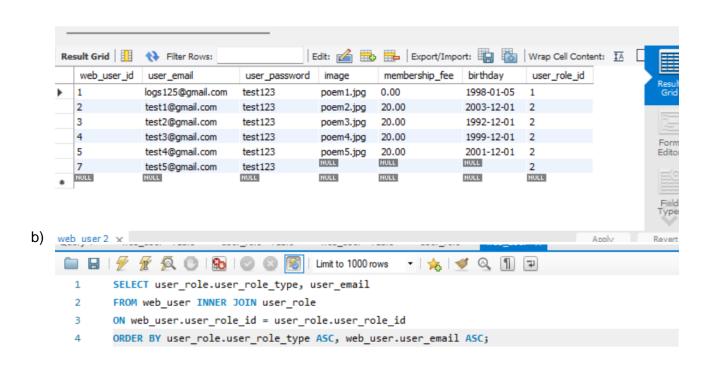
7. SELECT STATEMENTS a) USER_ROLE: all rows, all columns, sorted by user_role_id. b) WEB_USER: all rows, all columns, sorted by web_user_id. c) WEB_USER JOINED WITH USER_ROLE: all rows, certain columns, sorted.

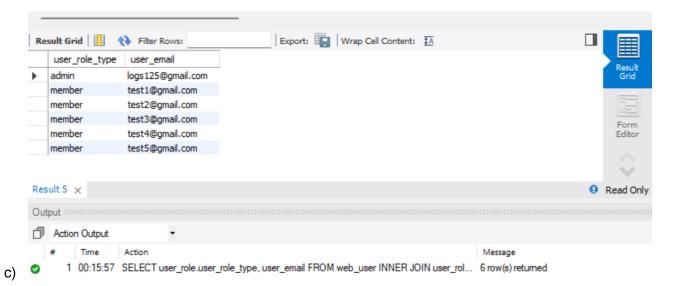
```
1 • SELECT * FROM sp24_3308_tug44038.user_role ORDER BY user_role_id;
```



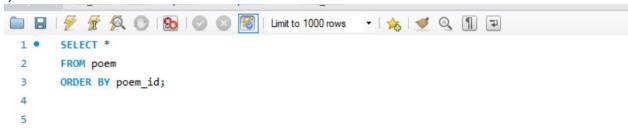
e)

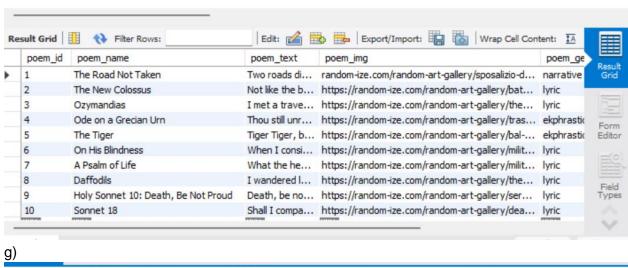












- | 🏂 | 🥩 Q 👖 🖃 Limit to 1000 rows 1 • SELECT poem.poem_id, poem.poem_name, web_user.*

2 FROM poem

3 JOIN web user

4 ON poem.web_user_id = web_user.web_user_id;

es	sult Grid	🚺 🙌 Filter Rows:	Export:	Wrap Cell Content:	<u>‡A</u>		
	poem_id	poem_name	web_user_id	user_email	user_password	image	memb
	1	The Road Not Taken	1	logs125@gmail.com	test123	poem1.jpg	0.00
	2	The New Colossus	1	logs125@gmail.com	test123	poem1.jpg	0.00
	3	Ozymandias	1	logs125@gmail.com	test123	poem1.jpg	0.00
	4	Ode on a Grecian Urn	1	logs125@gmail.com	test123	poem1.jpg	0.00
	5	The Tiger	1	logs125@gmail.com	test123	poem1.jpg	0.00
	6	On His Blindness	1	logs125@gmail.com	test123	poem1.jpg	0.00
	7	A Psalm of Life	2	test1@gmail.com	test123	poem2.jpg	20.00
	8	Daffodils	2	test1@gmail.com	test123	poem2.jpg	20.00
	9	Holy Sonnet 10: Death, Be Not Proud	1	logs125@gmail.com	test123	poem1.jpg	0.00
	10	Sonnet 18	1	logs125@gmail.com	test 123	poem1.jpg	0.00



