

EVERY SECTION LABELED BLUE WAS ADDED



























1. STUDENT NAME

Gino Russo

2. URL to STUDENT WEB SITE

https://cis-linux2.temple.edu/tomcat10/sp25_3308_tuo45914/index.html

3. user_role TABLE DESIGN

Column	Datatype	PK	NN	UQ	B...	UN	ZF	AI	G	Default / Expression
 user_role_id	INT(11)									
 user_role_type	VARCHAR(45)									
<click to edit>										

4. web_user TABLE DESIGN and FOREIGN KEY

Name: web_user		Schema: sp25_3308_tuo45914									
Column	Datatype	PK	NN	UQ	B...	UN	ZF	AI	G	Default / Expression	
web_user_id	INT(11)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
user_email	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
user_password	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL	
user_image	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL	
membership_...	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL	
birthday	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL	
user_role_id	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<click to edit>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

[illegible]

Name:
Schema: sp25_3308_tuo45914

Foreign Key

games_ibfk_1

<click to edit>

Refere...

Foreign key details 'games_ibfk_1'

Column	Referenced Column
<input type="checkbox"/> game_id	
<input type="checkbox"/> game_title	
<input type="checkbox"/> image_url	
<input type="checkbox"/> rating	
<input type="checkbox"/> review	
<input checked="" type="checkbox"/> web_user_id	web_user_id
<input type="checkbox"/> added_to_backlog	

On Update: RESTRICT
On Delete: RESTRICT
Comment:

☐ Skip on SQL generation

Columns
Indexes
Foreign Keys
Triggers
Partitioning
>>

Apply
Revert




6. DATA ENTRY ERRORS

a) Error: Duplicate user_role PK

```
1 SELECT *
2 FROM user_role
3 ORDER BY user_role_id;
4
```





Result Grid   Filter Rows: Edit: 



Search








[illegible]

```
1 SELECT *
2 FROM web_user
3 ORDER BY web_user_id;
4
```


100% 14:2



🔍 Search

Result Grid   Filter Rows: Edit:    Export/Import:  

[illegible]

web_user 4	user_role 9	web_user 14	
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Action Output

		Time	Action	Response
✖	97	18:52:49	INSERT INTO `sp...	1364: Field 'user_role_type' doesn't have a default value
✔	98	18:53:31	SELECT * FROM...	3 row(s) returned
✖	99	18:53:41	DELETE FROM `s...	1451: Cannot delete or update a parent row: a foreign key constra

100% 20:4



Filter Rows:

Export:



Result 20	
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Action Output



00%

1:3

Result Grid

Filter Rows:

Search

Export:

[illegible]

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

The screenshot shows a database management interface. At the top, a SQL query is entered in a text area:

```
1 SELECT *
2 FROM games
3 ORDER BY game_id;
```

Below the query editor, there is a toolbar with options like "Result Grid", "Filter Rows", "Search", "Edit", and "Export/Import". The "Result Grid" is selected, and it displays a table of game data:

game_id	game_title	image_url	rating	review
29	The Witcher 3: Wild Hunt	https://media.rawg.io/media/games/618/618c20...	5	This game has the best s
30	Grand Theft Auto V	https://media.rawg.io/media/games/20a/20aa03...	4	They call this the greatest
31	Portal 2	https://media.rawg.io/media/games/2ba/2bac0e...	3	It was okay.
32	Counter-Strike: Global Offensive	https://media.rawg.io/media/games/736/73619b...	2	NULL
33	Left 4 Dead 2	https://media.rawg.io/media/games/d58/d58894...	3	NULL
34	The Elder Scrolls V: Skyrim	https://media.rawg.io/media/games/7cf/7cfc922...	5	NULL
35	Red Dead Redemption 2	https://media.rawg.io/media/games/511/5118aff...	5	NULL
36	God of War (2018)	NULL		NULL
37	BioShock Infinite	https://media.rawg.io/media/games/fc1/fc1307a...	3	NULL
38	Borderlands 2	https://media.rawg.io/media/games/49c/49c3dfa...	3.5	NULL
NULL	NULL	NULL	NULL	NULL

Below the table, there is a section labeled "Action Output" which shows a log of database actions:

	Time	Response	Duration / Fetch Time
30	18:02:12	A No changes detected	
31	18:07:05	IN 1452: Cannot add or update a child row: a foreign key constraint fails (`sp25_33...	
32	18:08:19	S 5 row(s) returned	0.110 sec / 0.000027...
33	18:08:45	D 1451: Cannot delete or update a parent row: a foreign key constraint fails (`sp25...	
34	18:10:20	S 10 row(s) returned	0.028 sec / 0.000021...

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

```
1 SELECT games.game_title, web_user.user_email
2 FROM games
3 JOIN web_user
4 ON games.web_user_id = web_user.web_user_id
5 ORDER BY games.game_title, web_user.user_email;
6
```

100% 48:5

Result Grid Filter Rows: Search Export:

game_title	user_email
BioShock Infinite	grusso215@gmail.com
Borderlands 2	grusso215@gmail.com
Counter-Strike: Global Offensive	grusso215@gmail.com
God of War (2018)	grusso215@gmail.com
Grand Theft Auto V	grusso215@gmail.com
Left 4 Dead 2	grusso215@gmail.com
Portal 2	grusso215@gmail.com
Red Dead Redemption 2	grusso215@gmail.com
The Elder Scrolls V: Skyrim	grusso215@gmail.com
The Witcher 3: Wild Hunt	grusso215@gmail.com

Result 8 Read Only

Action Output

	Time	Response	Duration / Fetch Time
46	19:34:04	S 10 row(s) returned	0.028 sec / 0.000016...
47	19:35:21	S 10 row(s) returned	0.053 sec / 0.000019...

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

```
1 • SELECT games.game_title AS Title, web_user.user_email AS Email
2 FROM games
3 JOIN web_user
4 ON games.web_user_id = web_user.web_user_id
5 WHERE games.game_title LIKE 'The%' /*only show game titles that start with "The" */
6 ORDER BY games.game_title, web_user.user_email;
7
```

100%

1:7

Result Grid



Filter Rows:

Search

Export:



Result Grid



Form Editor



Result 18

Read Only

Action Output



	Time	Response	Duration / Fetch Time
✖ 58	19:43:41	S Error Code: 1064. You have an error in your SQL syntax; check the manual that...	0.027 sec
✔ 59	19:44:04	S 2 row(s) returned	0.027 sec / 0.000009...