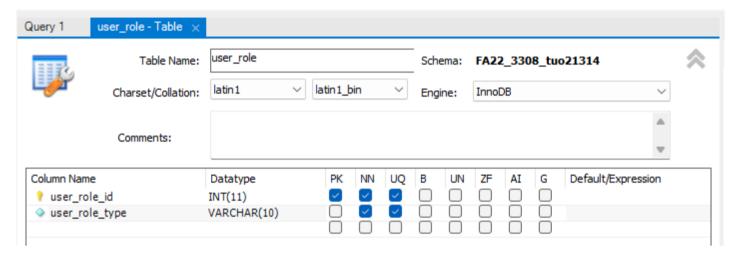
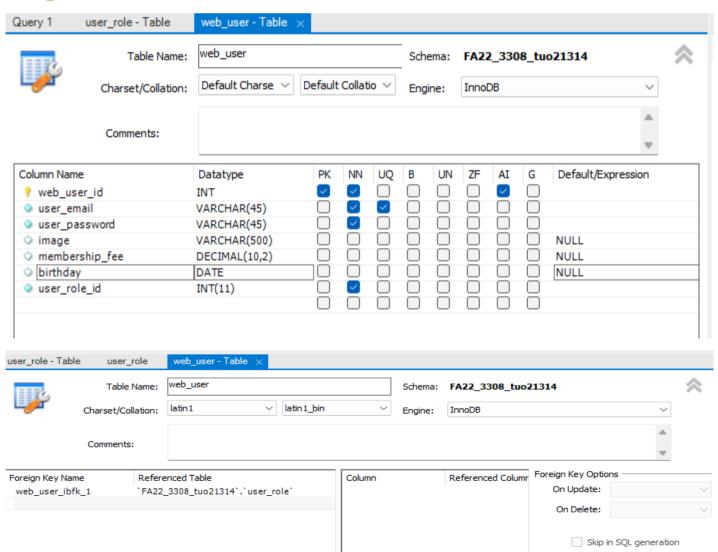
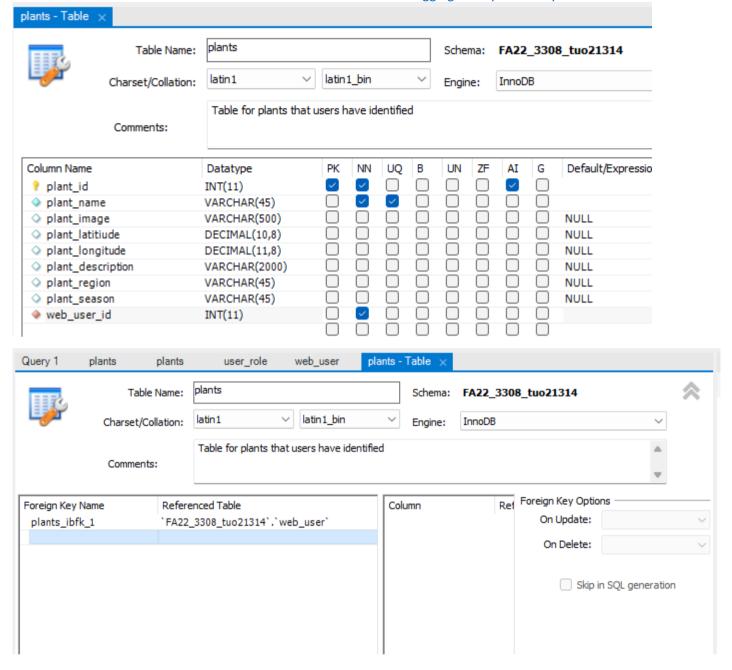
- 1. STUDENT NAME: Steve Tolvaj
- 2. URL to STUDENT WEB SITE: http://cis-linux2.temple.edu:8080/FA22_3308_tuo21314/index.html
- 3. user_role TABLE DESIGN:



4. web_user TABLE DESIGN and FOREIGN KEY:



5. "OTHER" TABLE DESIGN and FOREIGN KEY: Used for web users logging what plants they have identified.



6. DATA ENTRY ERRORS a) Error: Duplicate user_role PK:

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 `FA22_3308_tuo21314`.`user_role` (`user_role_id`, `user_role_type`) VALUES ('2', 'Admin');

ERROR 1062: 1062: Duplicate entry '2' for key 'PRIMARY'

SQL Statement:
INSERT INTO `FA22_3308_tuo21314`.`user_role` (`user_role_id`, `user_role_type`) VALUES ('2', 'Admin')
```

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:
INSERT INTO `FA22_3308_tuo21314`.`web_user` (`user_email`, `user_password`, `image`, `membership_fee`, `birthday`, `user_role_id`) VALUES (`jill@gmail.com', 'root1', 'https://picsum.photos/200/300', '5.55', '1989-11-11', '5');

ERROR 1452: 1452: Cannot add or update a child row: a foreign key constraint fails (`FA22_3308_tuo21314`.`web_user`, CONSTRAINT `web_user_ibfk_1` FOREIGN KEY (`user_role_id`) REFERENCES `user_role` (`user_role_id`))
SQL Statement:
INSERT INTO `FA22_3308_tuo21314`.`web_user` (`user_email`, `user_password`, `image`, `membership_fee`, `birthday`, `user_role_id`) VALUES ('jill@gmail.com', 'root1', 'https://picsum.photos/200/300', '5.55', '1989-11-11', '5')
```

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



d) Invalid web_user FK in "other" record

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 `FA22_3308_tuo21314`.`plants` (`plant_name`, `web_user_id`) VALUES ('Invalid', '10');

ERROR 1452: 1452: Cannot add or update a child row: a foreign key constraint fails
(`FA22_3308_tuo21314`.`plants`, CONSTRAINT `plants_ibfk_1` FOREIGN KEY (`web_user_id`))

REFERENCES `web_user` (`web_user_id`))

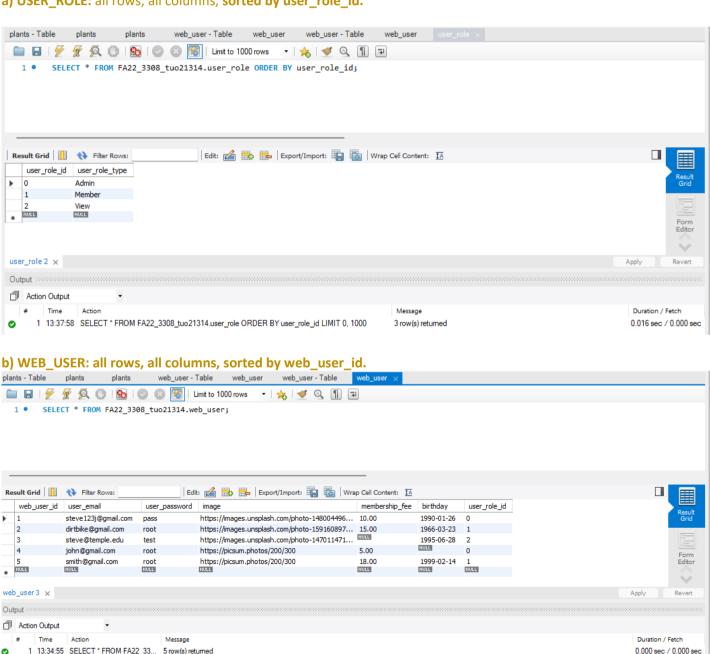
SQL Statement:
INSERT INTO `FA22_3308_tuo21314`.`plants` (`plant_name`, `web_user_id`) VALUES ('Invalid', '10')
```

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

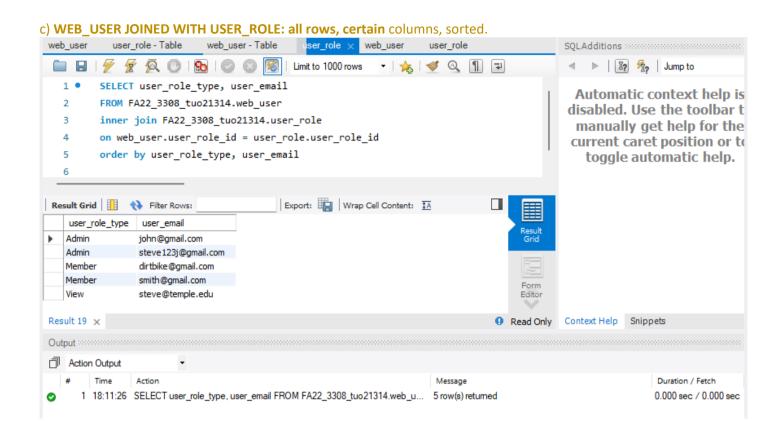


7. SELECT STATEMENTS

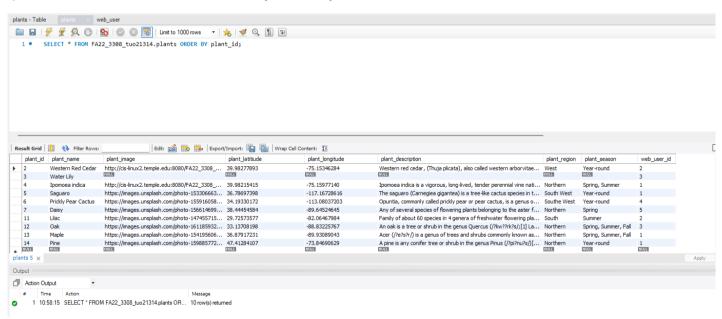
a) USER_ROLE: all rows, all columns, sorted by user_role_id.



0.000 sec / 0.000 sec



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.

