Edward Keegan

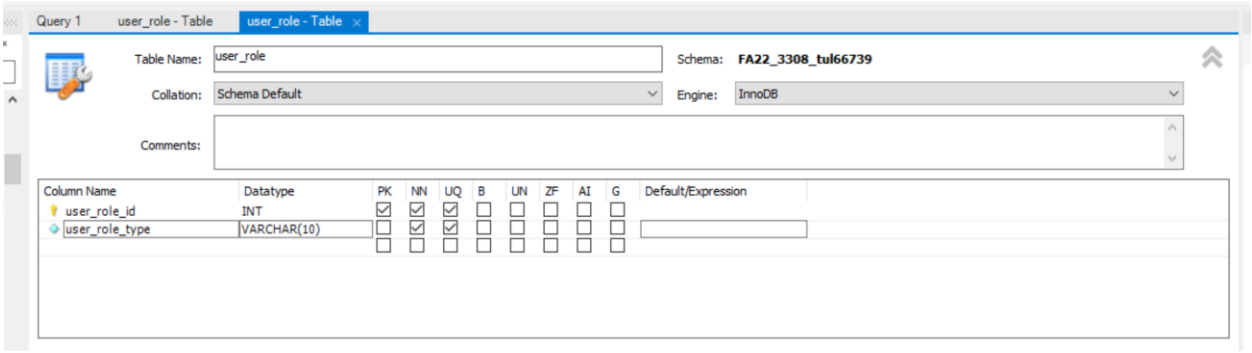
Web Apps Lab04

9/16/22

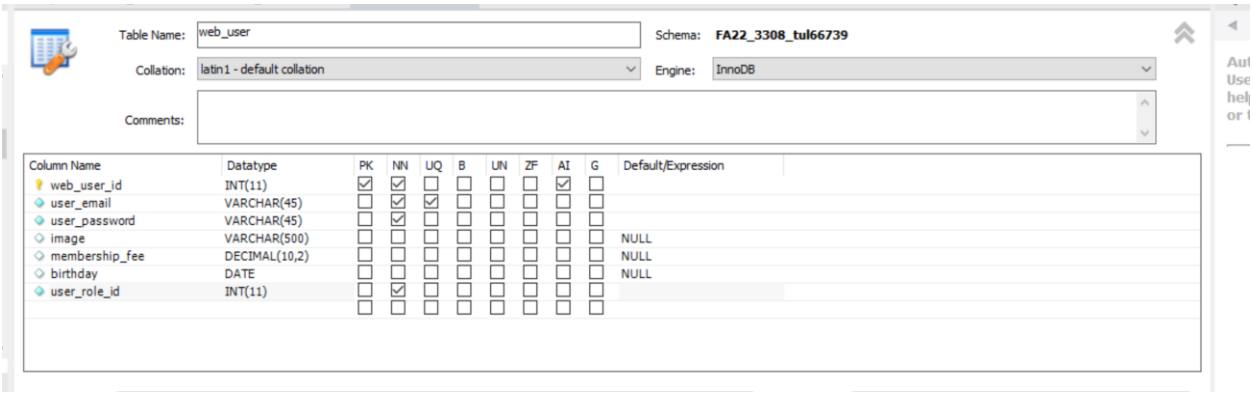
1. Edward Keegan

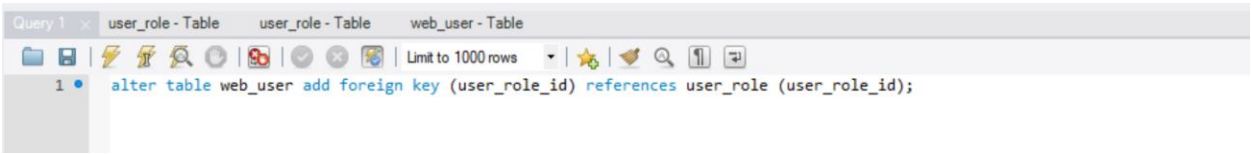
2. http://cis-linux2.temple.edu:8080/FA22_3308_tul66739/

3. user_role TABLE DESIGN



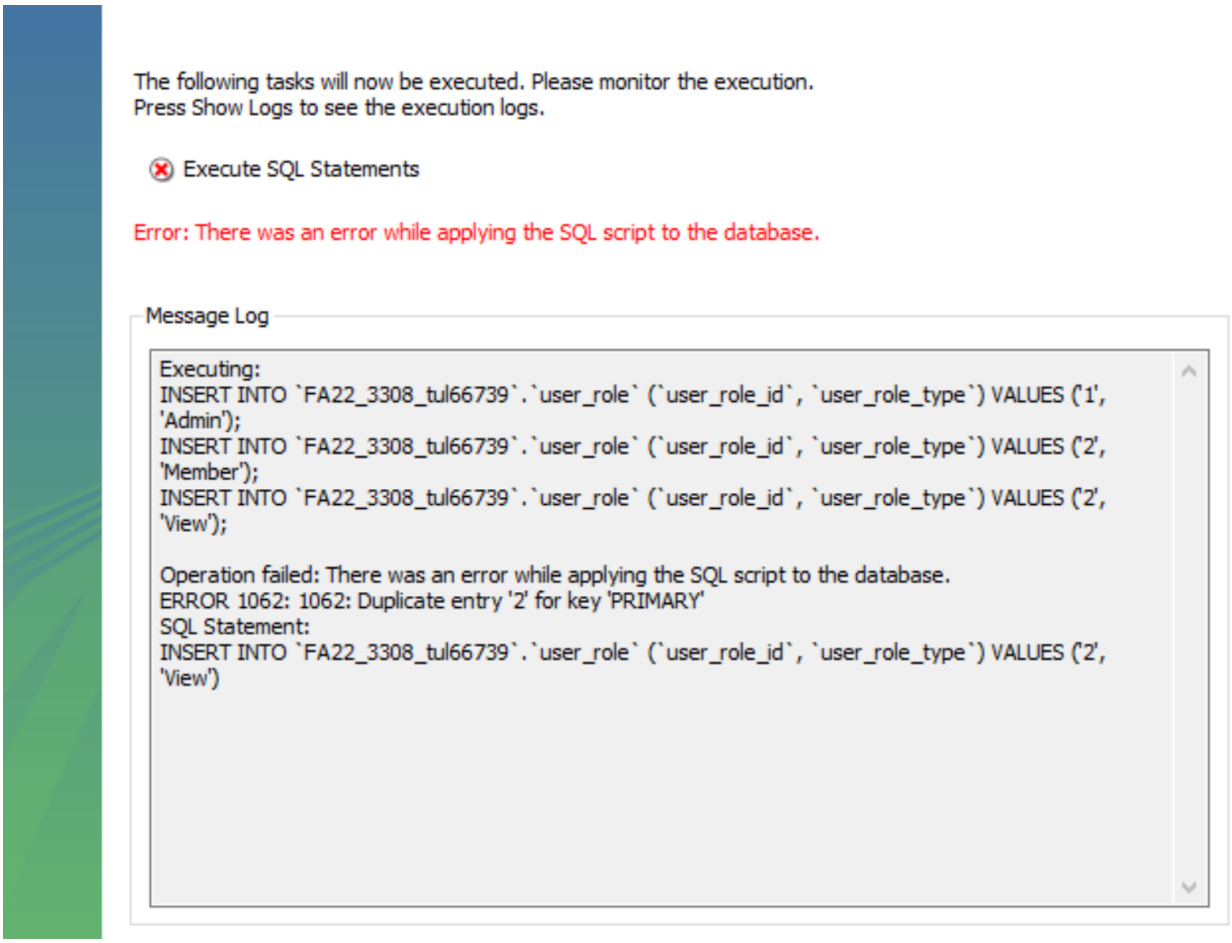
4. web_user TABLE DESIGN and FOREIGN KEY



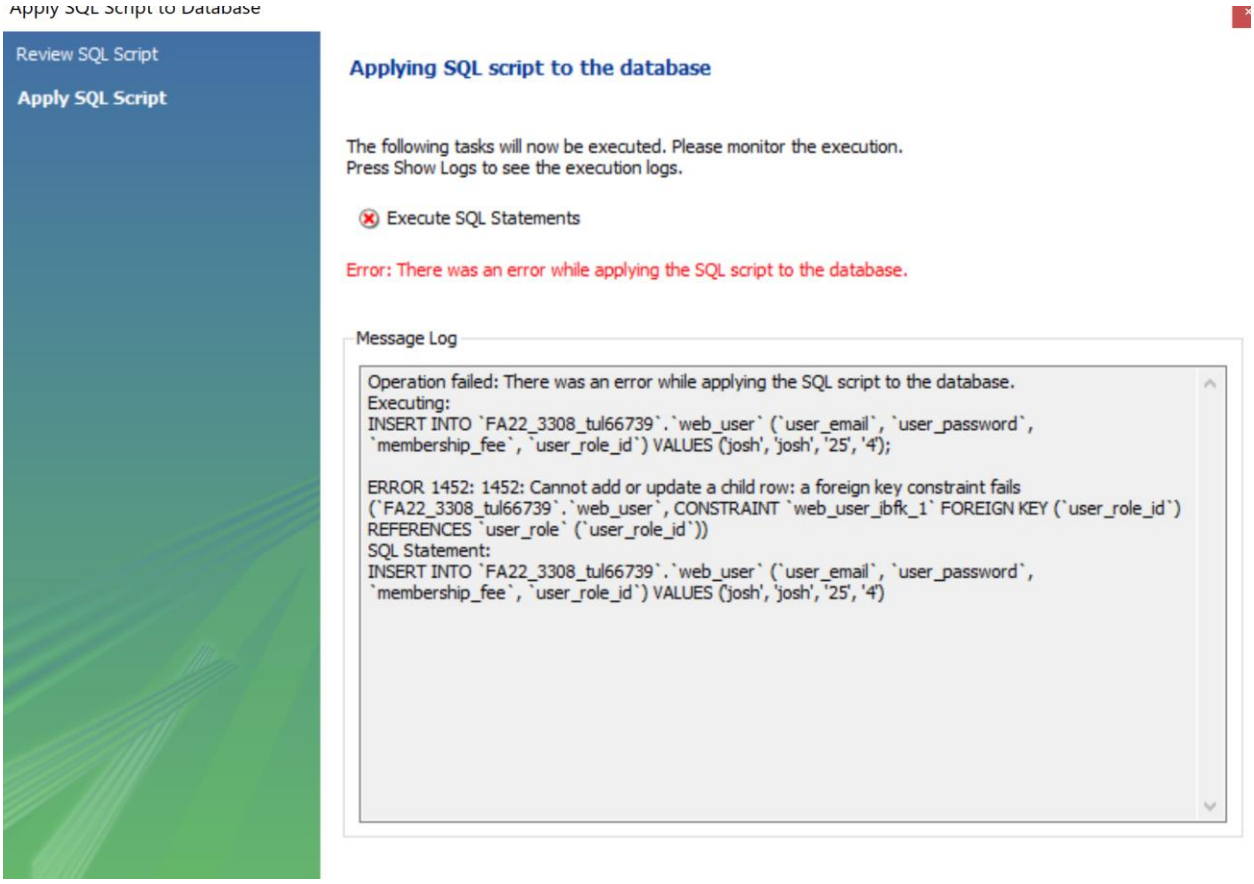


5. DATA ENTRY ERRORS

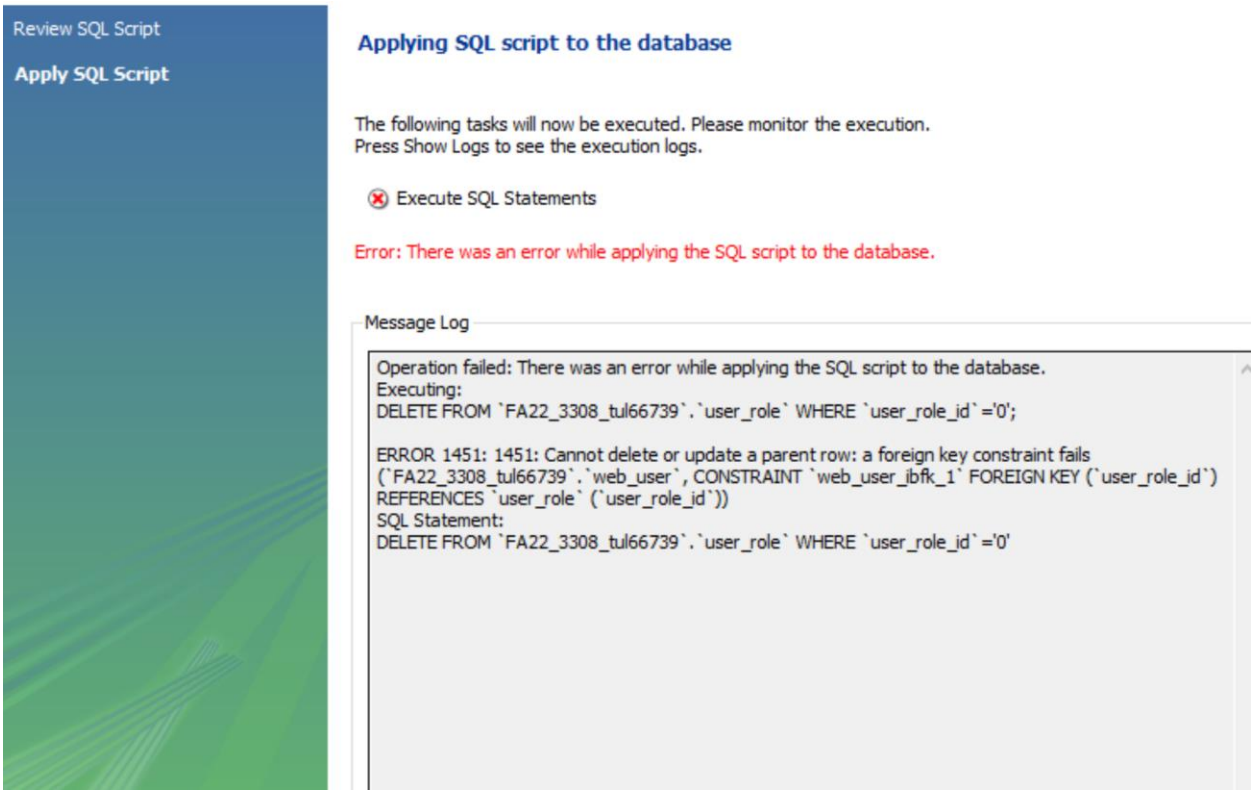
a) Error: Duplicate user_role PK



b) Error: Invalid user_role FK in web_user record

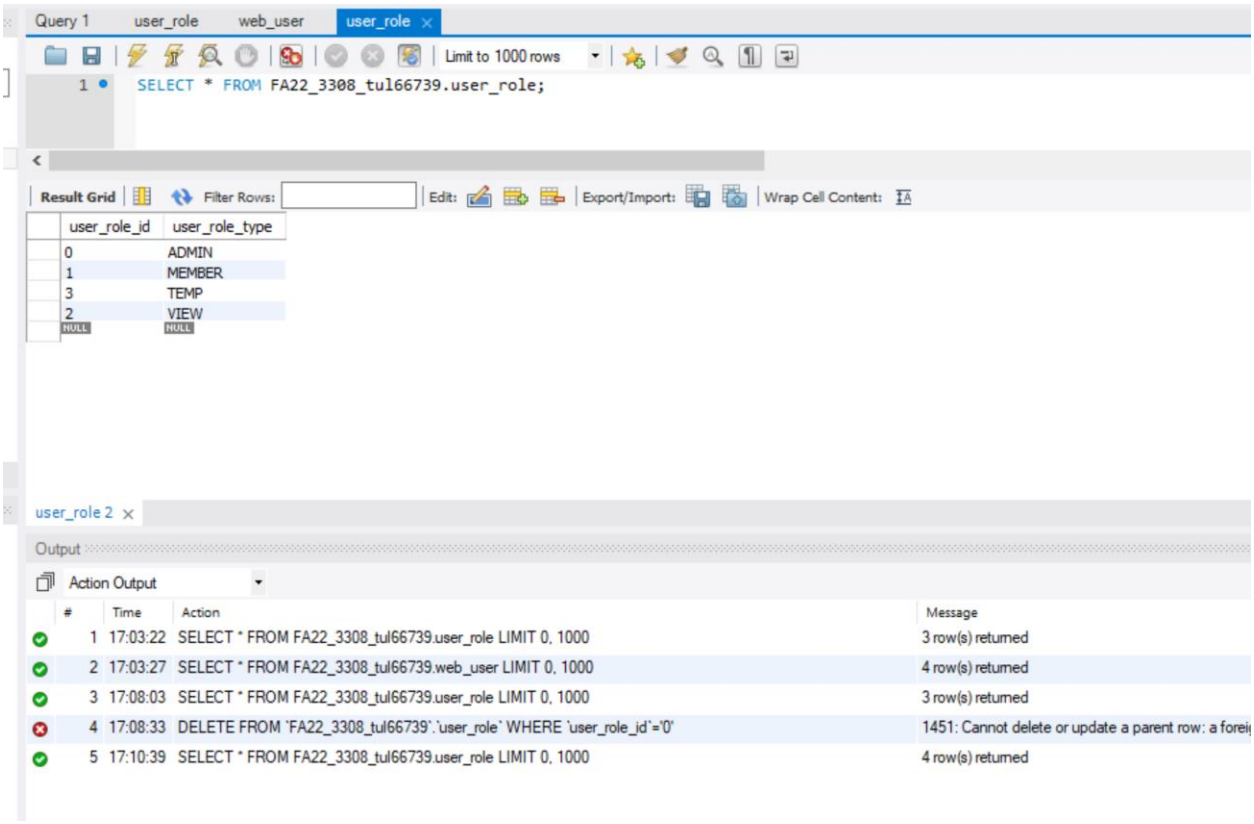


c) Error: Cannot delete a user_role record that's referenced by a web _user record

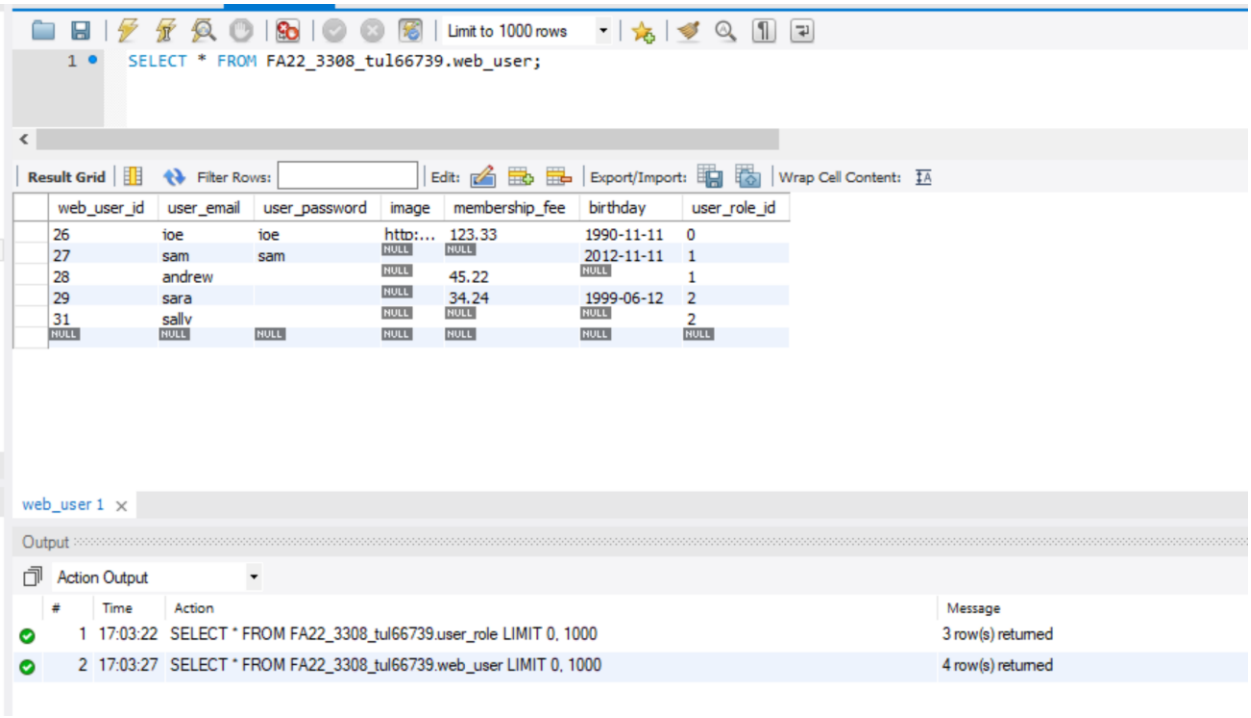
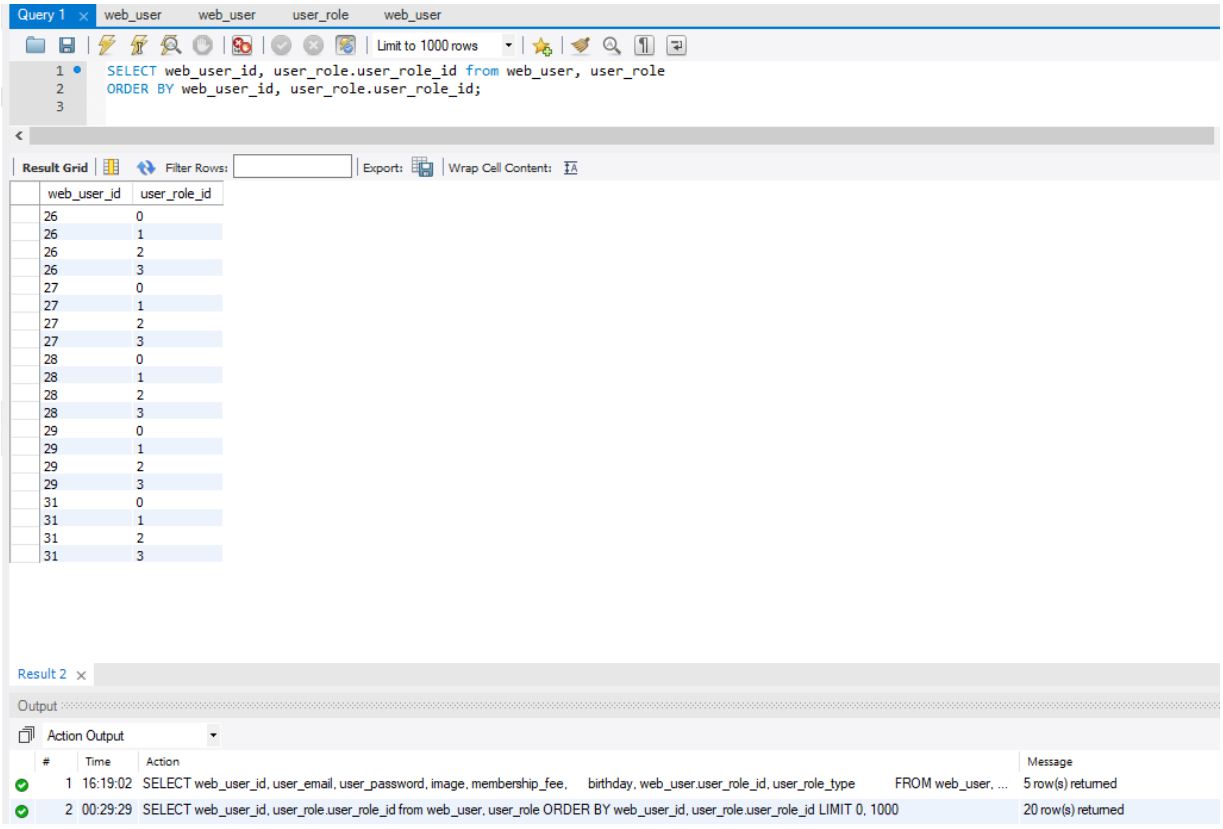

Review SQL Script
Apply SQL Script
Applying SQL script to the database
The following tasks will now be executed. Please monitor the execution.
Press Show Logs to see the execution logs.
Execute SQL Statements
Error: There was an error while applying the SQL script to the database.
Message Log
Operation failed: There was an error while applying the SQL script to the database.
Executing:
DELETE FROM `FA22_3308_tul66739`.`user_role` WHERE `user_role_id`='0';
ERROR 1451: 1451: Cannot delete or update a parent row: a foreign key constraint fails
(`FA22_3308_tul66739`.`web_user`, CONSTRAINT `web_user_ibfk_1` FOREIGN KEY (`user_role_id`)
REFERENCES `user_role` (`user_role_id`))
SQL Statement:
DELETE FROM `FA22_3308_tul66739`.`user_role` WHERE `user_role_id`='0'

6. 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.