Client User Creation In The MySQL Workbench

- For Project 5 you need to create two new clients for the `project5` database and assign them specific privileges on the database.

- This set of slides steps you through that process using the MySQL Workbench.

- This can also be done via the MySQL command line client, however, it requires issuing specific GRANT commands and while providing finer grained privilege detail, goes a bit beyond what we need for this project.
Start the Workbench and select Server Administration from the right side of the window.
Server Administration default screen is displaying the server status for the server you are currently connected to.

From this screen, select Users and Privileges.
Current user accounts are displayed here. Your screen will probably only have the root user at this point.

Click the Add Account button
Enter the information for the new user where the name newuser is currently displayed.
After entering the new user’s information. Click the Apply button.
After clicking the Apply button the new user is now confirmed.
Select the Schema Privileges tab.
Select the newly created client2
With the client2 user selected, the Add entry button will be active, so click it.
When you click the Add entry button, this dialog box will appear as shown.
Select the selected host option for localhost in the Host area, then select the Selected Schema in the Schema area. This will highlight the various databases on the server. You'll select the Project5 database (I'm using project4 database here). Then click OK and go to the next page.
For project 5, the client2 user has only select and update privileges on the project 5 database, so check only those two boxes. Then click Save.
To test your work, go back to the main workbench screen and open a connection to start querying, but login as client2.
Issuing a query that client2 has the privilege to execute. Results are displayed correctly.
Issuing a query that client2 does not have the privilege to execute. Results show an error.