LAB 7 Security

You have been provided with a project: Lab\_7\_Security.zip.

It has a JavaFX interface. There are 2 users: Sean {Admin}, Paul{Supervisor}

[Automatically Loaded on start up].

NOTE: Lab\_7\_Security will not run as given as it has compiler errors that will be resolved by successfully completing the Lab.

TASKS:

1. Add Authentication functionality.

Complete Configuration in XML file. [NOTE: uses Groups]

Add code in LoginController to authenticate User. [It is marked with a TODO]

1. Add authorization so that an Admin OR Supervisor can list and view users. Do so by using groups and LIST, READ permissions [has Authority].
2. Also Add UPDATE permission for Supervisor.
3. Add authorization so only a member of the Admin group {RE: Sean} can add[create new ones] Users. Do so by using “CREATE” permission.

NOTE: You also need to complete the Groups.java class in edu.mum.main. This is where the group objects are populated and persisted.