Scenario 1:

Gloria was assigned to test the login and registration component of the admin module. After she starts the LinkedIn application, the frontend application will connect to the Admin module through Java RMI. The admin module will connect to the RDS database and check if the username she registers is already in the database. If the username exists in the database, an error message will be displayed saying “username exists” After she registers successfully, she will click login. If the username or password entered is incorrect, there will be an “incorrect username or password” error. Once she logs in successfully, the search window will show.

Testcases

1. Does the front end establish RMI connection with the Admin module?
2. Does the admin module connect to the RDS database to check user credentials?
3. Does the “username exists” error message display when the user tries to register a username that is already in the database?
4. Does the “incorrect username or password” error message show when the user enters invalid credentials?
5. Does the search window show after the user logs in successfully?

Scenario 2:

Jon was assigned to test the polling and csv parts of the admin module. After he creates a search request, the polling screen will show. While the polling screen is displayed, the front end will connect to the admin module via RMI. The admin module will check the database for the query completed status. Once the query has completed, the xml file generated by the backend will be converted to csv. The polling screen will change to the results screen which will have the csv file.

1. Does the polling screen show up after search is clicked?
2. Does the front end connect to the admin via RMI ?
3. Does the admin module connect to the database to check the query completion status?
4. Does the xml file successfully convert to CSV?
5. Does the result page with the converted CSV show after csv conversion?