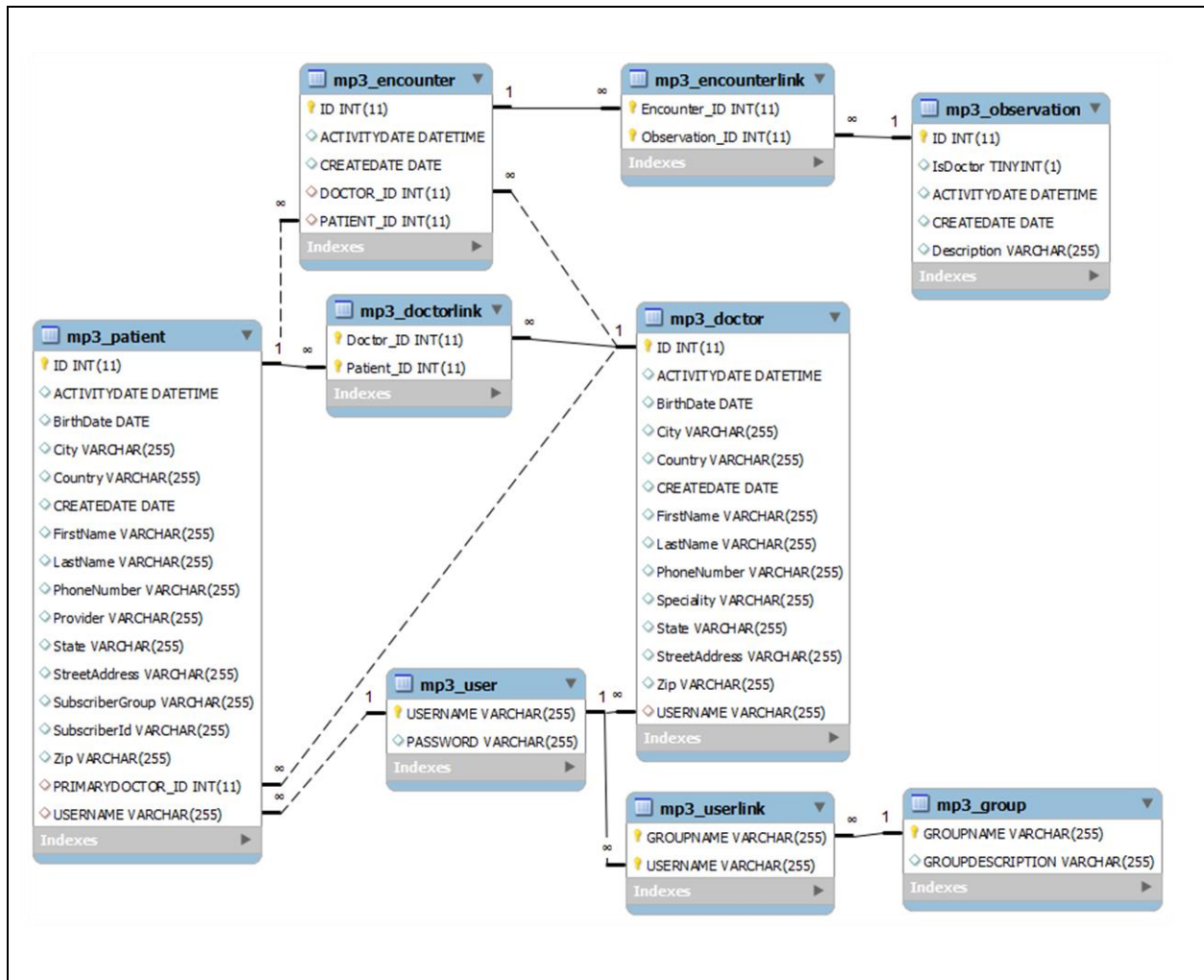


Project Summary

This project demonstrates how to create a secure session driven wrapper for an enterprise application that provides crud operations for the underlying data model. The application is built atop the follow data model:



Design Development Insights

I failed miserably at time management on this effort. As a result, the application unfinished. I did not have sufficient time to complete the crud operations.

Requirements

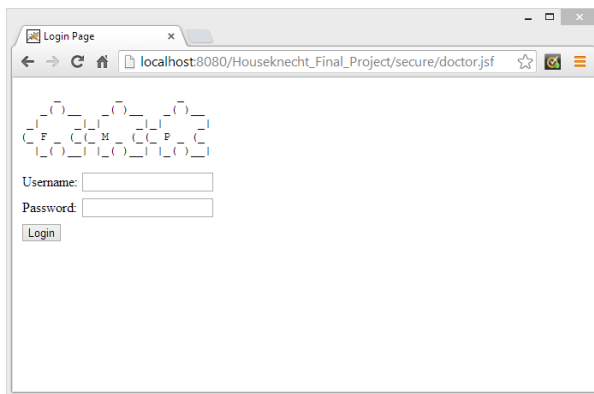
To utilize (or run this) project—

- 1) Verify that MySQL is up and running

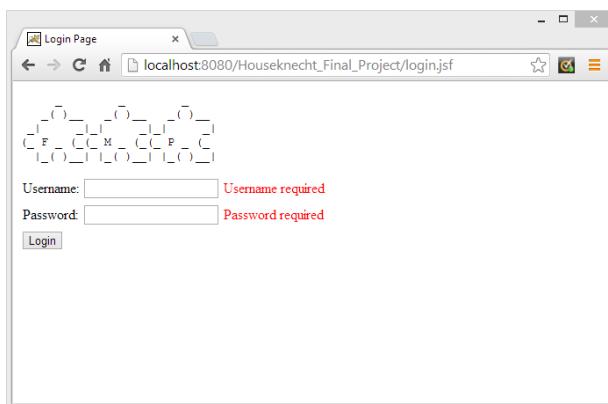
- 2) In Netbeans, update the connection attributes of the persistence.xml file to point to an empty database configured on the local MySQL instance
- 3) When prompted to login—
 - a. Use Username="juphill1"/password="12345" to login as "Dr. Uphill"
 - b. Use Username="juphill2"/password="12345" to login as patient "Jill Uphill"

Screen Captures and Expected Results

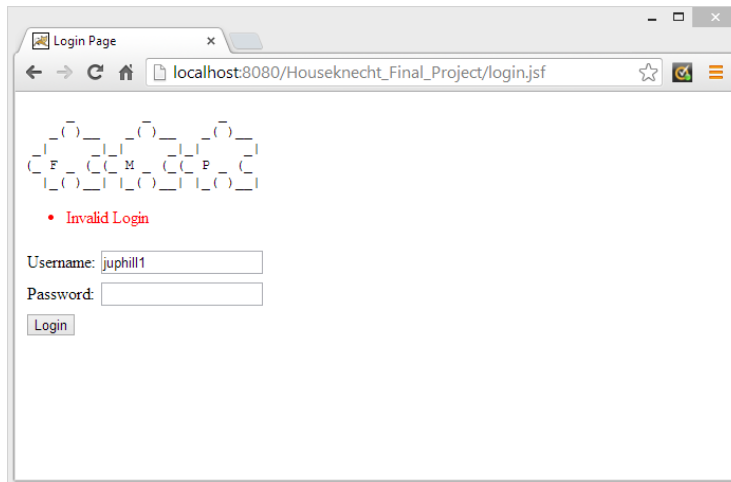
When successfully compiled, User is presented with the following login prompt



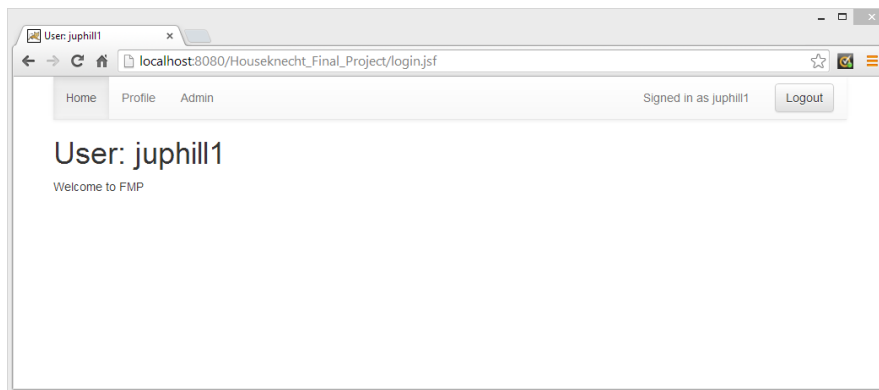
If the user does not enter a username and/or password, then validation errors are displayed:



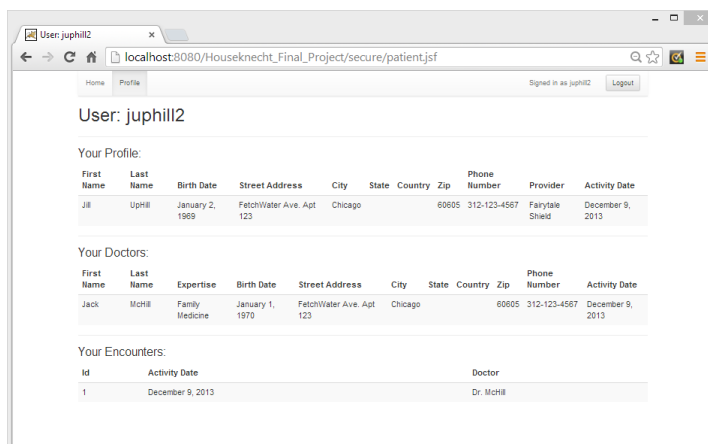
If the user enters an invalid login or password, then login page is re-posted with the login error displayed at the top:



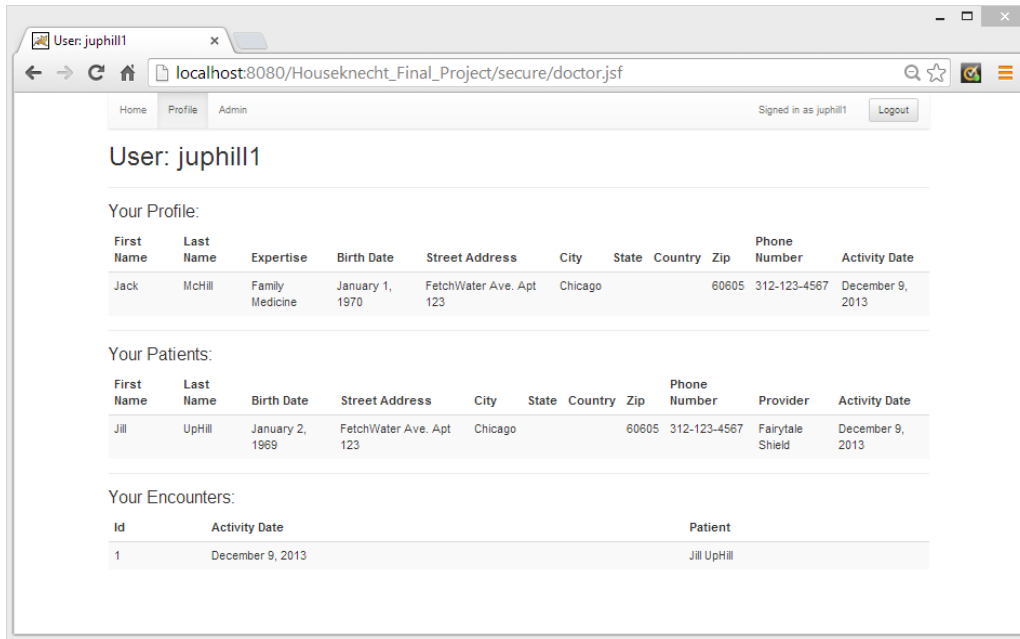
On successful login, all users are placed on the welcome page, displaying a greeting message as well as their navigational choices:



Both Patients and Doctors are provided with a "Profile" link button. For patient's, the profile page lists their account information, associated doctors and encounters with those doctors:



For doctors, the profile page lists their account information, associated patients and encounters with those patients:



The screenshot shows a web browser window with the URL `localhost:8080/Houseknecht_Final_Project/secure/doctor.jsf`. The user is signed in as `juphill1`. The page displays the user's profile, a list of their patients, and a list of their encounters.

User: juphill1

Your Profile:

First Name	Last Name	Expertise	Birth Date	Street Address	City	State	Country	Zip	Phone Number	Activity Date
Jack	McHill	Family Medicine	January 1, 1970	FetchWater Ave. Apt 123	Chicago			60605	312-123-4567	December 9, 2013

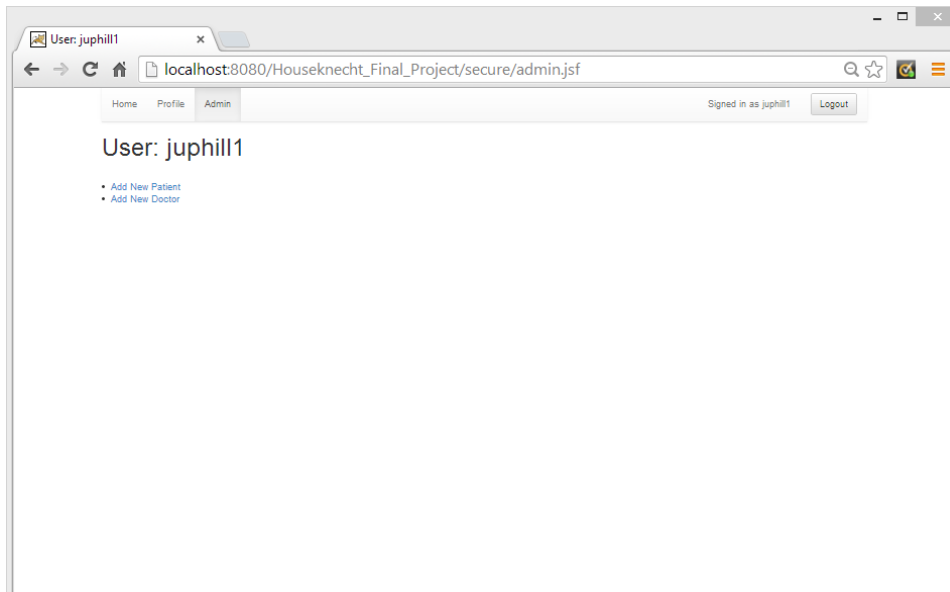
Your Patients:

First Name	Last Name	Birth Date	Street Address	City	State	Country	Zip	Phone Number	Provider	Activity Date
Jill	UpHill	January 2, 1969	FetchWater Ave. Apt 123	Chicago			60605	312-123-4567	Fairytale Shield	December 9, 2013

Your Encounters:

Id	Activity Date	Patient
1	December 9, 2013	Jill UpHill

Doctors have an additional navigational link - "Admin". Click this link takes them to a page where they can add new patient or doctor users:



The screenshot shows a web browser window with the URL `localhost:8080/Houseknecht_Final_Project/secure/admin.jsf`. The user is signed in as `juphill1`. The page displays the user's profile and a list of links to add new patients or doctors.

User: juphill1

- Add New Patient
- Add New Doctor

NOTE - This functionality is incomplete in the initial version of the application.

When a user clicks the "Logout" button they are returned to the login form. Finally, from all authenticated pages, a link is included at the bottom of the screen that can be used to access the application's onboard JavaDoc's wiki pages.