Hospital Management Windows Software Testing Report

Smoke Testing
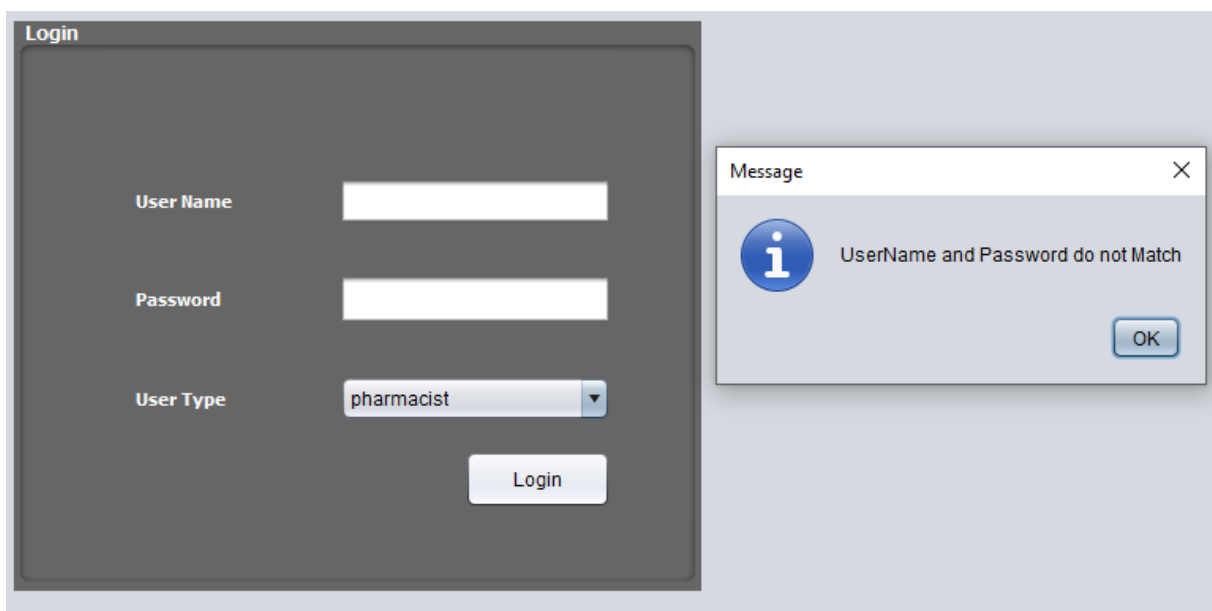
The software is fully ready for further testing process. All module of software work properly.
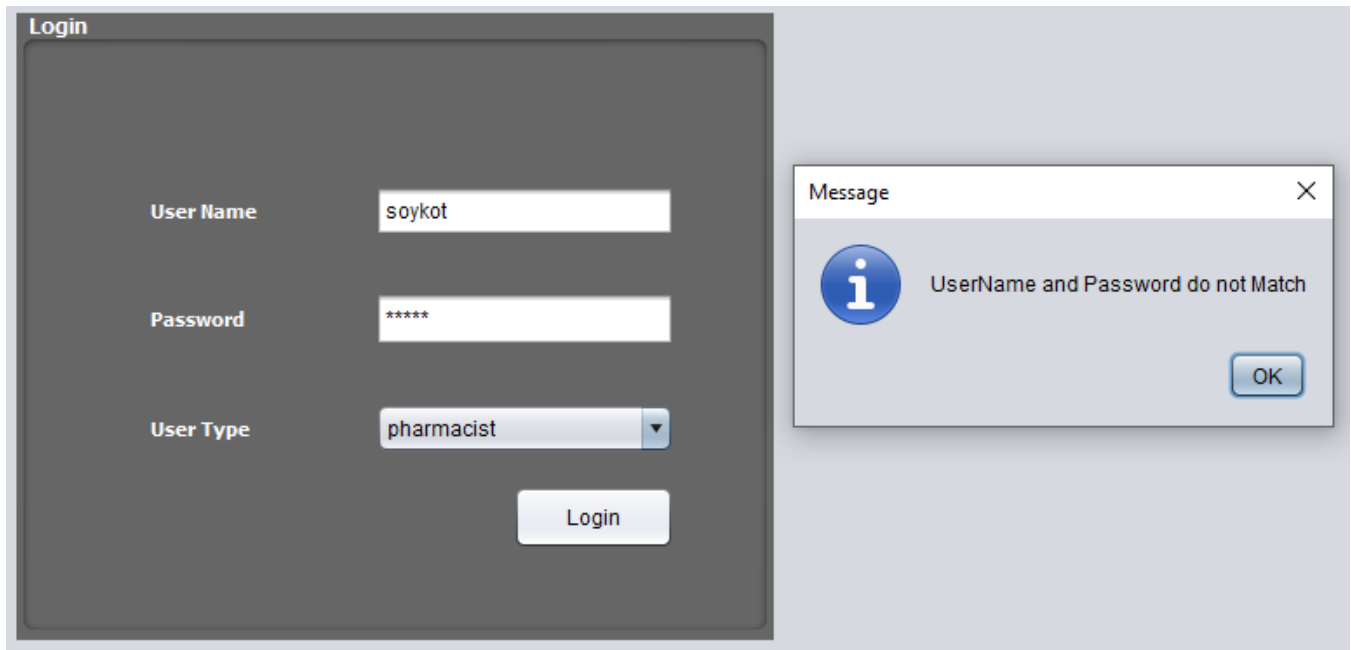
Black Box Testing

1. System Testing

Log In

Log In functionality perform well, but when try to login with empty username and password value the pop up showing that "Username and Password do not match" It should be "Please give Username" or "Please give password" or both username and password or such like that.
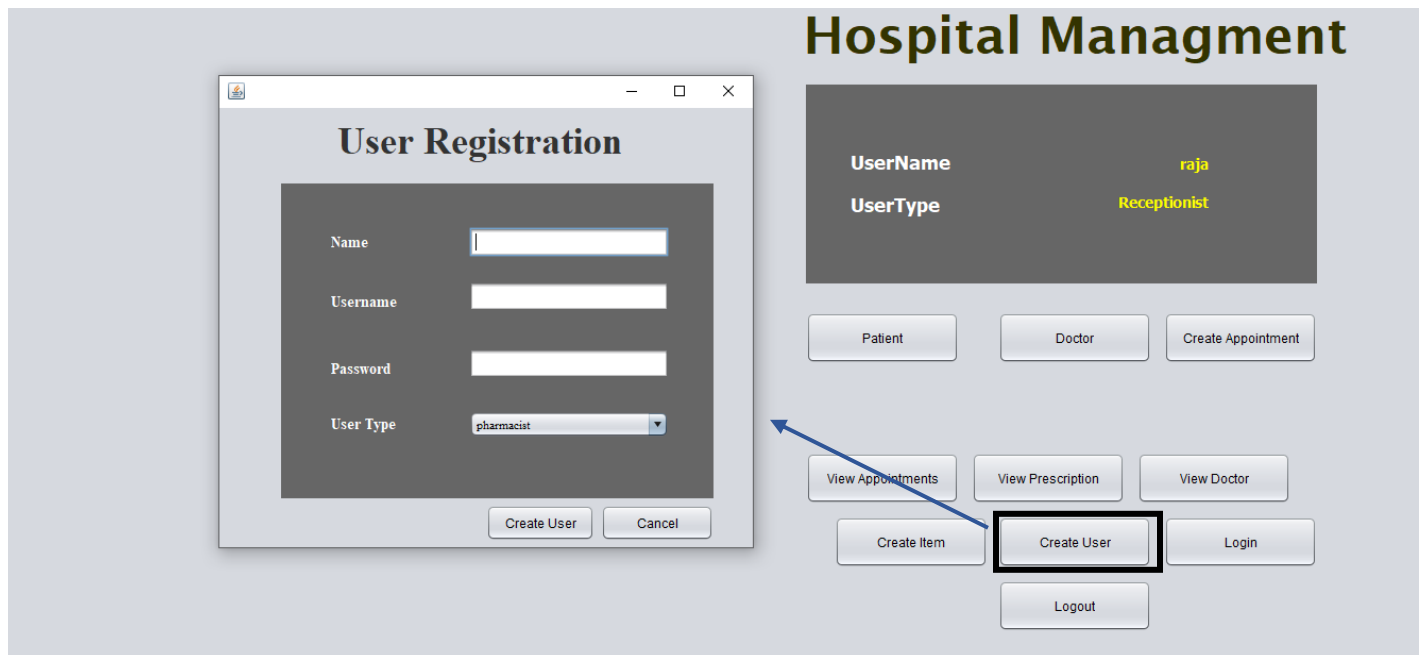
When try to log in with wrong username and password, the software is not showing specifically which field is not matched. It should be more specific.
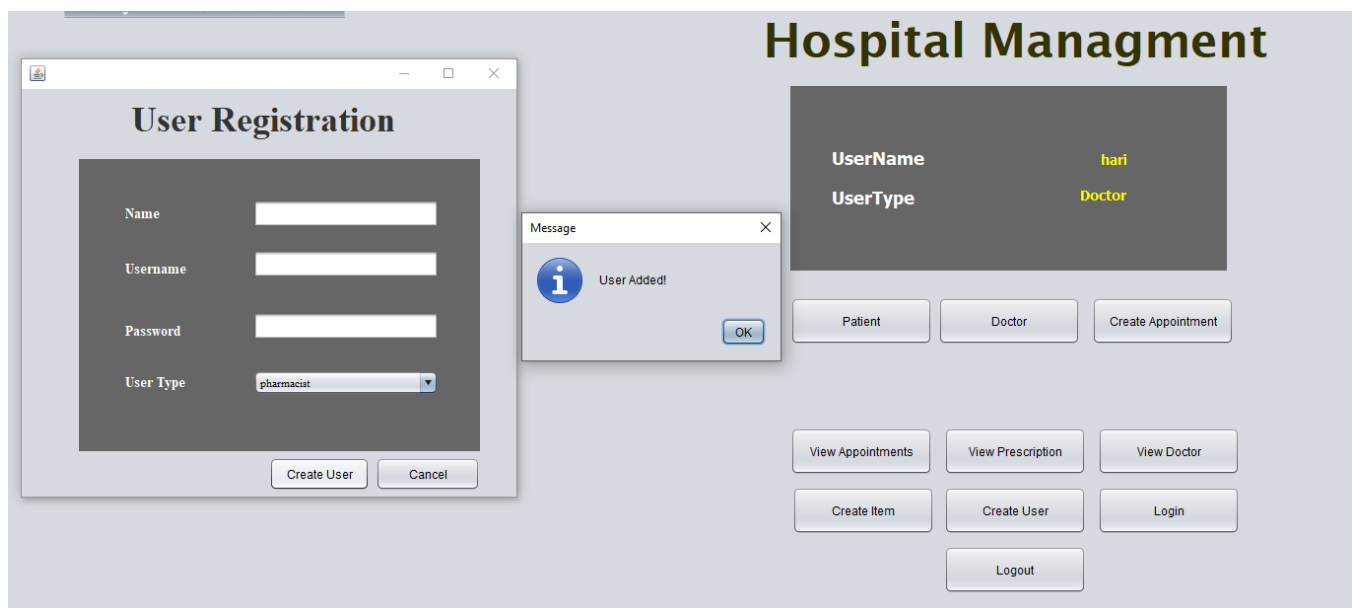

User Access

After login as a Pharmacist, Receptionist, Doctor, Admin all users can perform same task. It is matter of concern that Receptionists, Pharmacist, Doctor can able to create a user for this software. This function should be only available for admin of this software.

Create User

A user is created without giving name, username even a password.

<u>Other Functionality</u>

Create Patient List, Doctor List, Create Appointment, View Appointment, View Prescription, View Doctor, create item are working well

2. Performance Testing

<u>i . Load testing</u>

It is able to take much load.

<u>ii . Stress testing</u>

It can handle more stress
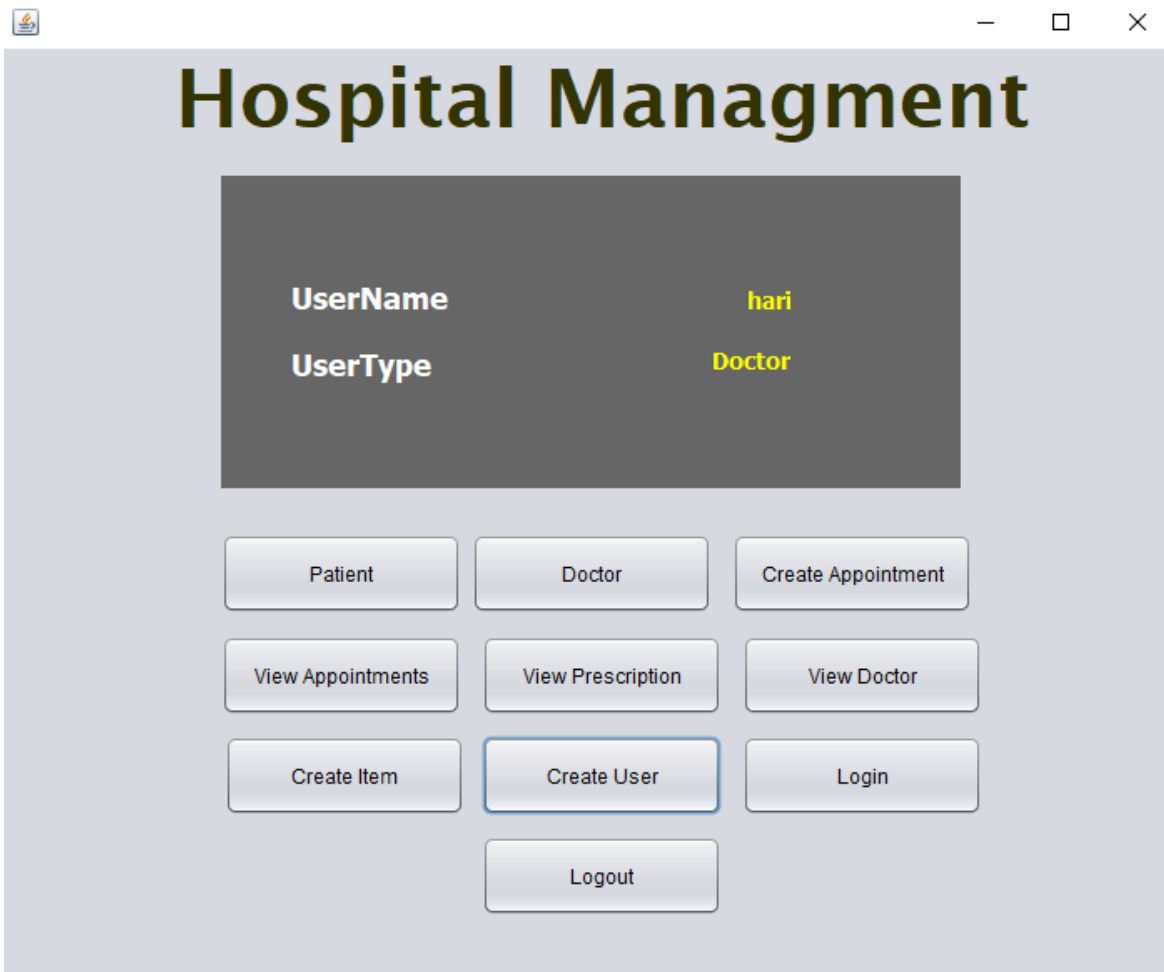
<u>Iii . Stability testing</u>

It is less stable software

<u>Iv . Scalability testing</u>

The software is saleable

3. Usability Testing

In small screen mode, interface of the software is okay. But for full screen mode it is not good enough.

Hospital Managment

UserName		hari
UserType		Doctor

Patient	Doctor	Create Appointment

View Appointments	View Prescription	View Doctor
Create Item	Create User	Login

Logout

4. Compatibility Test

In various device it works well

White Box Testing

<u>Log In System</u>

It can be more user friendly. Password digit's number can be shown in the interface of the software.

<u>Other</u>

All functionality is working well. Sometimes SQL Syntax Error is occurred.

User Acceptance Testing

Without some user interface issues almost all functionalities are performed well. That's why it is acceptable by the end user.

Security Testing

This software less vulnerable by SQL Injection

Alpha Testing

All Interfaces is okay. There is a recommendation, In patient registration Screen patient data update is less user friendly for the first time use. A option should be

kept for giving patient no. or it will be the best if there is a user guide for updating patient data.

Unit Testing

Unit testing is performed when building the software for all functions. All functions are working as requirement.

Software Tester

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