

# WolfLibrary Black Box Test Plan

Document Author(s): Thomas Ortiz - 200052864  
Corey Colberg - 200047978

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## Introduction:

The WolfLibrary applet is a tool used to allow patrons to browse and check out books, and allows admins to add patrons and shut down the system. This black box test plan describes an invalidLogin attempt by a patron; a logout attempt by a patron or administrator, and an add existing account that already exist.

The book and patron list is read through a command line prompt. Using Eclipse, first create a Run Configuration for the project by right clicking on Client and selecting Run As > Run Configuration, and then under Arguments, adding the .txt file name. Make sure the text file is in the top level of the project's directory. The program is started by running the Client class. A short book list, featuring four different books is added. Then sign in as the admin (username: admin, password: admin) and add the two patron accounts described below.

Test ID	Description	Expected Results	Actual Results
InvalidLogin (Thomas)	<b>Preconditions:</b> The program is running, the Login face is open and the Login button is enabled. All other buttons are disabled.  Enter <b>ThisIsNotAValidName</b> in the Username: field and Enter <b>InvalidPassWord</b> in the Password: field.	The username/password pair is incorrect causing the system to display a dialog saying "Account information is incorrect" and the user is not logged in.	A dialog box pops up saying "That patron does not exist" and no user is logged in.
Logout (Corey)	<b>Preconditions:</b> A user (patron or administrator) is logged in. Any face can be open but there are no open dialog boxes.  Click the Logout button.	The user is logged out and the login face opens with the login button enabled.	The user is logged out as expected and returned to the login screen
AddExistingAccount (Thomas & Corey)	<b>Preconditions: The administrator is logged in. The admin Welcome face is open with no open dialogs.</b>  Click <b>Add New Patron Account</b> . Type <b>patron1@ncsu.edu</b> into the Username: field, <b>pw1</b> into the Password field, and <b>3</b> in the Book Limit: field.	The username already exists. A dialog box opens with the message "Patron already has an account." indicating the patron already has an account as shown below. The administrator clicks <b>OK</b> , and all dialog boxes close. The patron database remains unchanged.	An error dialog box opens with the message "Patron already has an account" Dialog box closes and no account is added.

## Library Inventory

3 Pride and Prejudice by Jane Austin

5 D Day: The Climactic Battle of World War II by Stephen E. Ambrose

1 Love in the Time of Cholera by Gabriel Garcia Marquez

0 The Elements of Style (4th Edition) by Strunk and White

### Patron 1

patron1@ncsu.edu, pw1, 3

Checked Out: The Elements of Style, D Day, Love in the Time of Cholera

Reserve Queue: D Day, Love in the Time of Cholera

### Patron 2

patron2@ncsu.edu, pw2, 2

Checked Out:

Reserve Queue:

#### Document Revision History

Date	Author	Change Description
6/12/15	Corey Colberg	Added all tests
7/10/15	Thomas Ortiz	Added the Actual Results.