Multiple Web Page Logins

Contents

Introduction

It is very easy to restrict your web pages to authorized users only. See chapter "Web Page Security" in http://www.limnor.com/support/webDatabaseProgramming.pdf. More sophisticated security schemes may allow different users to access different web pages, see http://www.limnor.com/support/LoginManagerPartA.pdf.

Even the most simple security scheme presented in the chapter "Web Page Security" of http://www.limnor.com/support/webDatabaseProgramming.pdf covers security requirements most web sites need. For example, multiple kinds of login accounts can be simultaneously used. For example, a student login scheme and a faculty login scheme can exist at the same time. One user may have a student account, a faculty account, or both. Some web pages may be accessed to student accounts and some may be accessed to faculty accounts. This document shows some sample web pages protected by a student login web page or by a user login web page. There are not programming steps shown because you need to do nothing special. It just shows how multiple login pages behave.
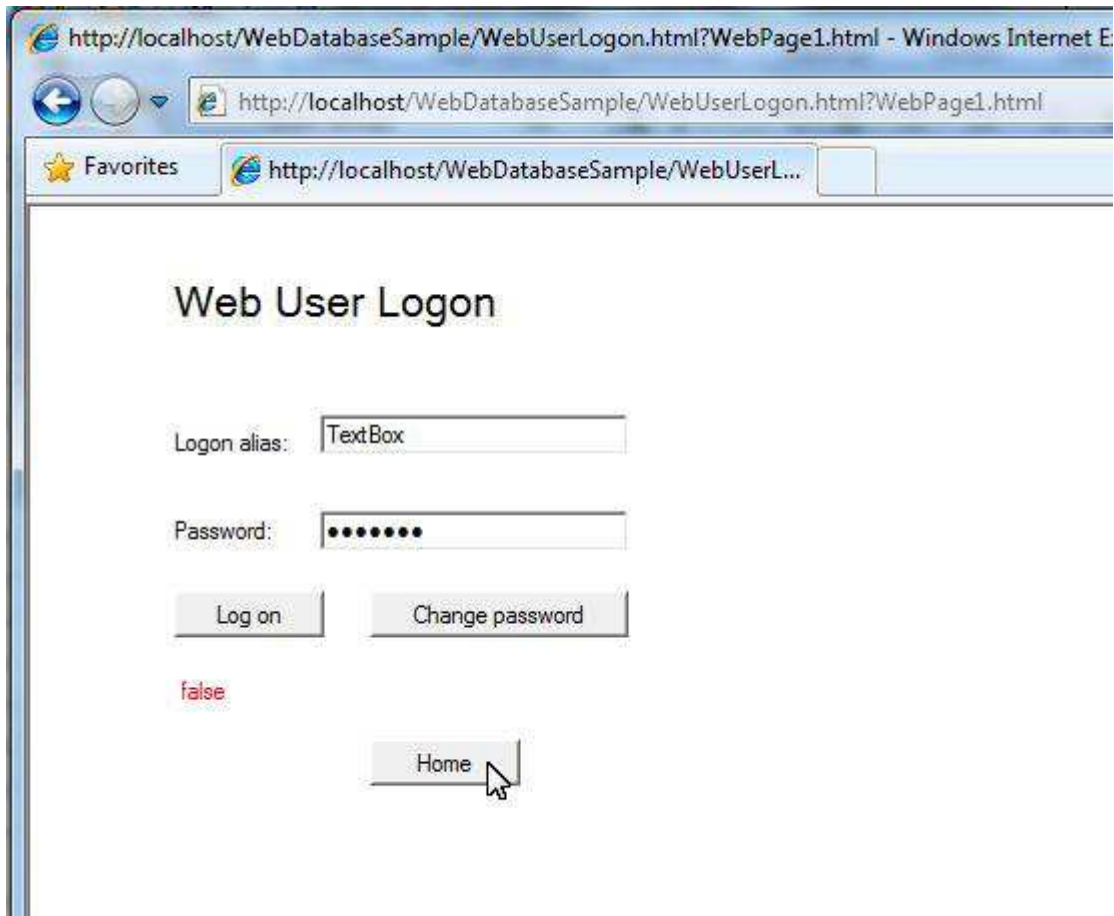
Web Pages

1. Home page
2. User login page
3. Student login page
4. Page 1 – it is protected by User login page
5. Page 4 – it is protected by User login page
6. Student edit page – it is protected by Student login page
7. Page 5 – it is protected by Student login page

Show Home Page
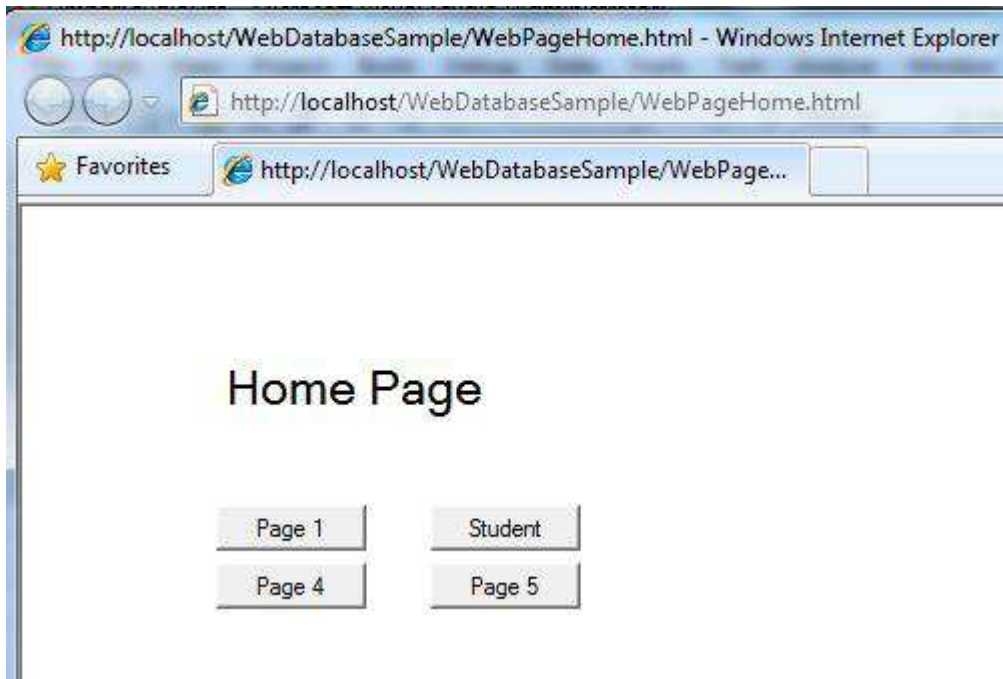
Click Page 1, the user login page appears:

Go back to home page and click Page 4. You will see the above User login page appears again.

Click Student, the Student login page appears:

Student Login

Login Alias: [ ]

Password: [ ]

[Log in]   [Home]

New password: [ ]

[Change Password]

HtmlLabel5

Go back to home page and click Page 5. You will see the above Student login page appears again.
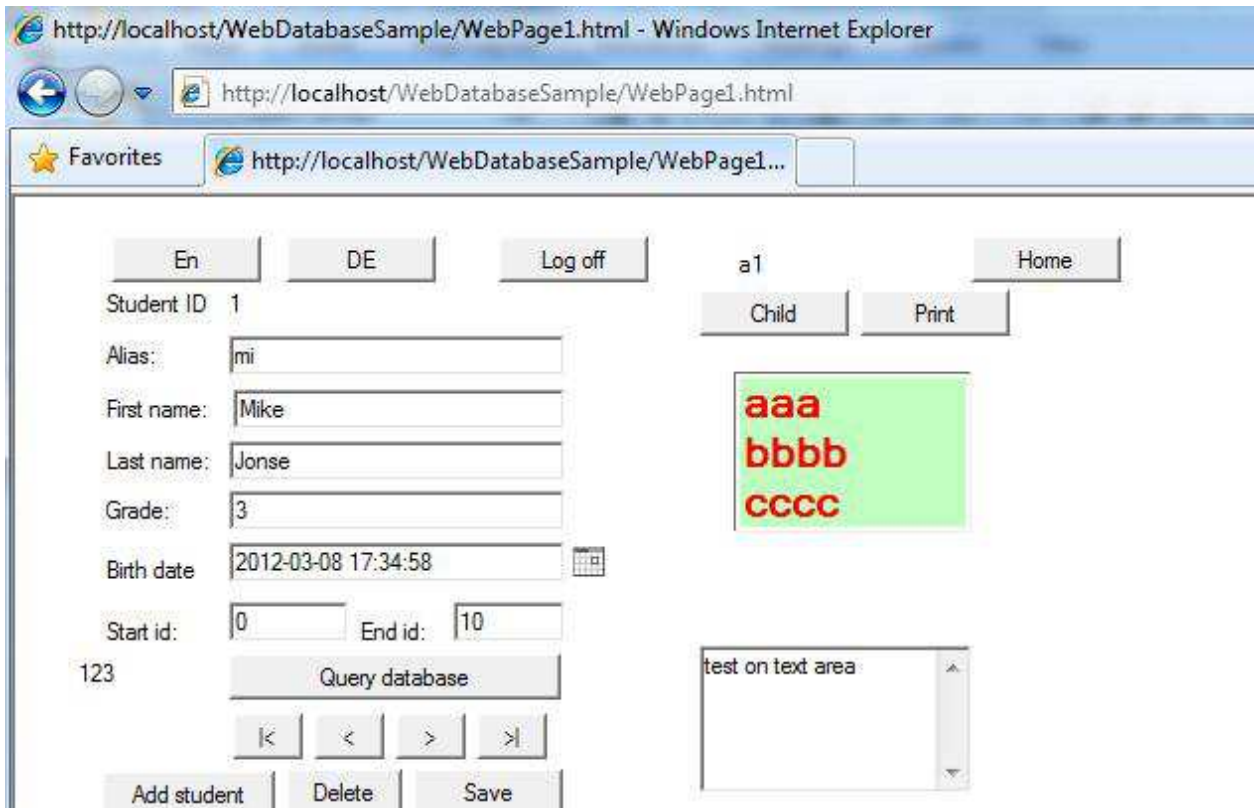
Log in to User

Click Page 1, the User login page appears. Log into it. The Page 1 appears.
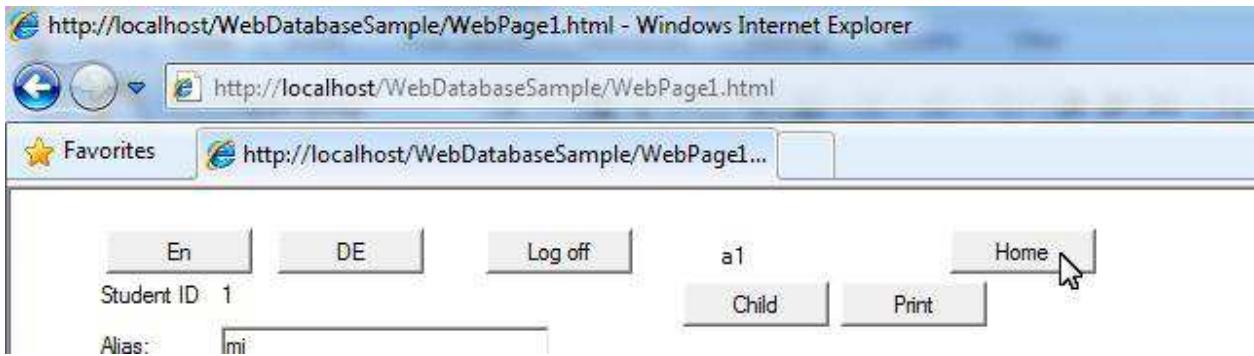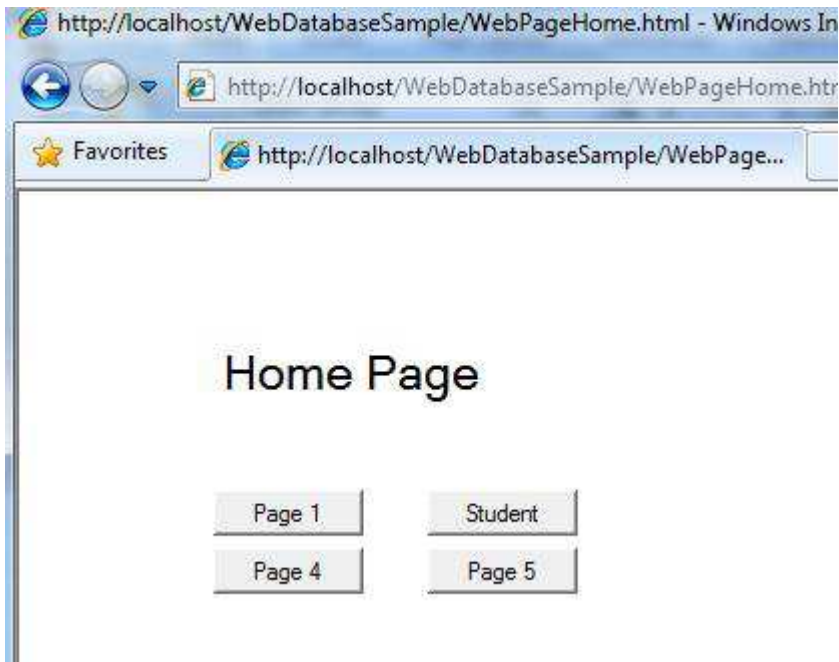
Web User Logon

Logon alias: [a1]

Password: [•••]

[Log on]   [Change password]
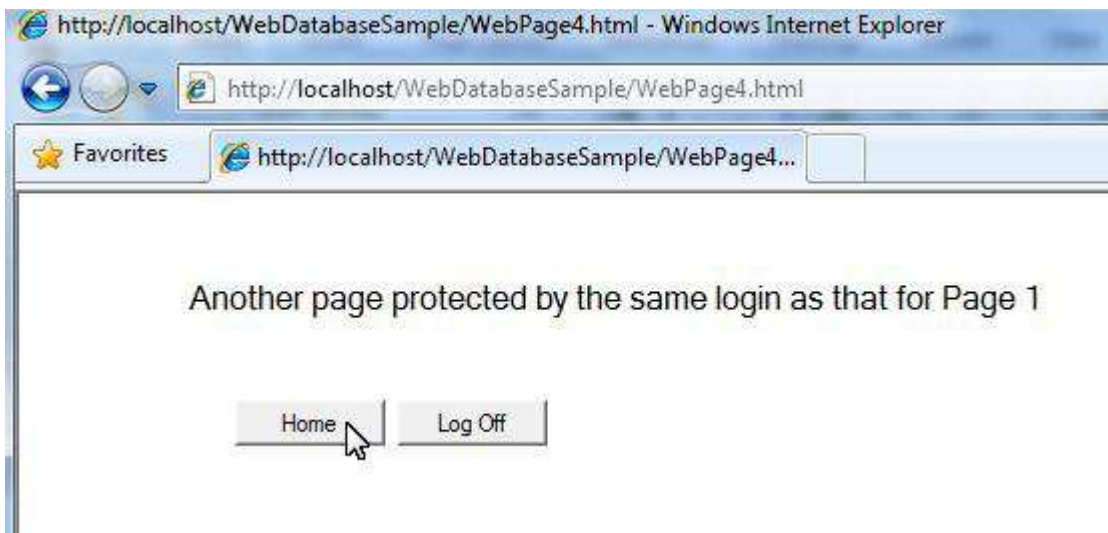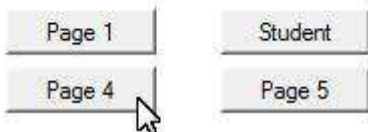
false

[Home]

Click Home, the Home page appears:

Click Page 4, we will see Page 4 appears. So, the login through Page 1 also enables accessing Page 4 because they are protected by the same login:

Click Home to go back to the Home page. Click Student. We will see the Student login page appears. That is, the passed login for User login page does not enable the accessing of the Student edit page because it is not protected by the User login page.
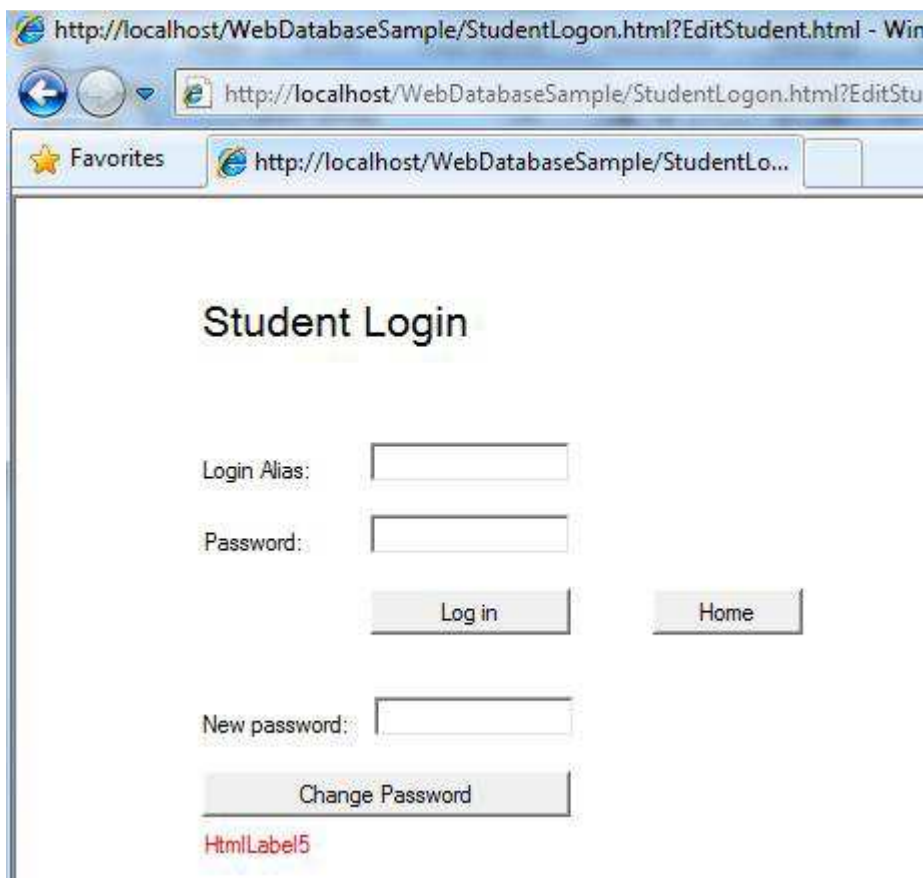
Login to Student
Login to a Student. The Student edit page appears:

Student Login

Login Alias: da

Password: •••

[Log in]   [Home]

New password: [   ]

[Change Password]

HtmlLabel5

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http://localhost/WebDatabaseSample/EditStudent.html - Windows Internet Explorer

http://localhost/WebDatabaseSample/EditStudent.html

⭐ Favorites   http://localhost/WebDatabaseSample/EditStude...

Student Information

Welcome: da   [Log off]   [Home]

StudentId: 2

Alias: da   Grade: 12

First name: David   Last name: Jackson

[Save to database]

Click Home to go back to the Home page. Click Page 5. Page 5 appears because it is also protected by the Student login page:

Home Page

Page 1   Student

Page 4   Page 5

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http://localhost/WebDatabaseSample/WebPage5.html - Windows Internet Explorer

http://localhost/WebDatabaseSample/WebPage5.html

Favorites   http://localhost/WebDatabaseSample/WebPage5...

This page is also protected by student login as the Student Edit page does

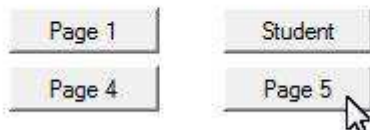Home   Log Off

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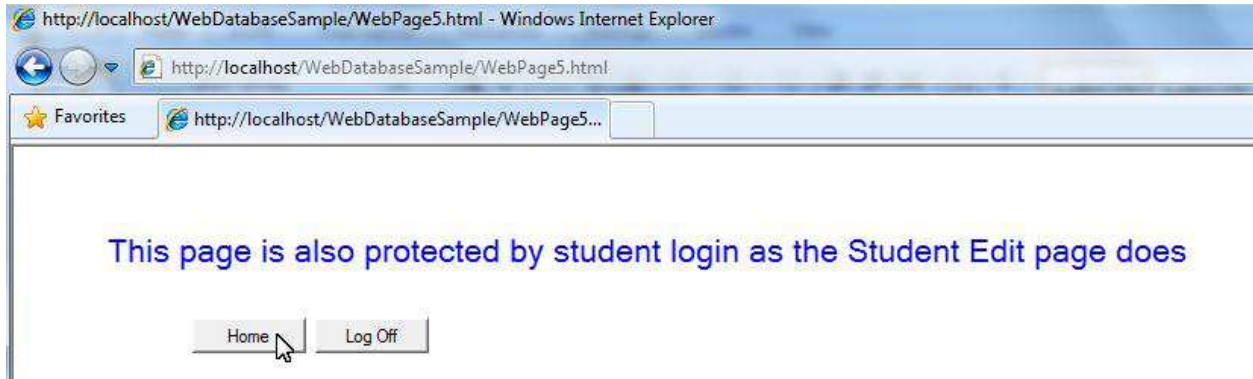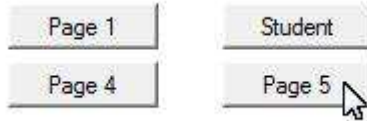
Multiple logged in

At this time, two logins are passed. One user login and one student login.
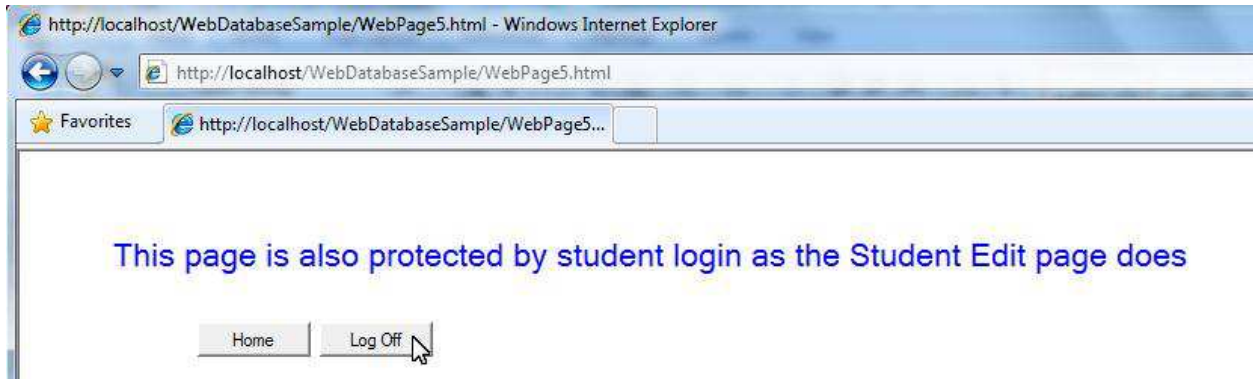
Click Page 1, Student, Page 4, and Page 5 on the home page, no login page appears again. All protected pages can be accessed.
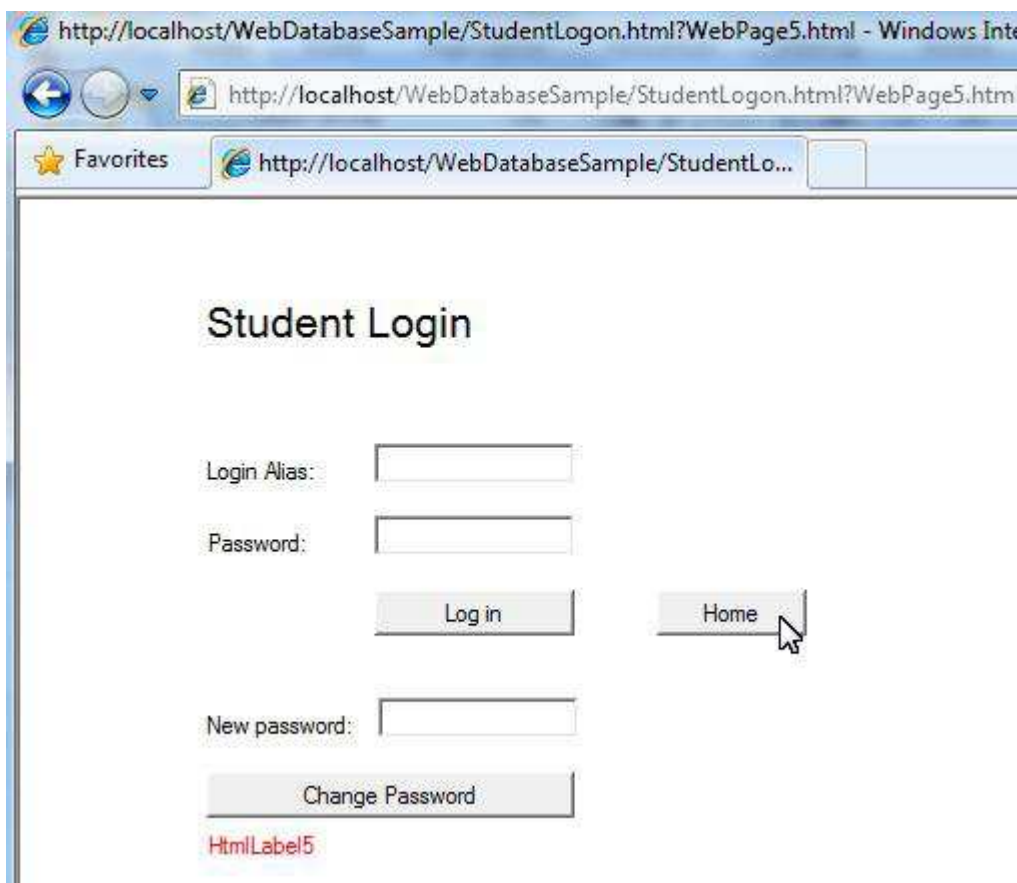
Log off Student

Click Page 5 and then click Log Off:

Home Page
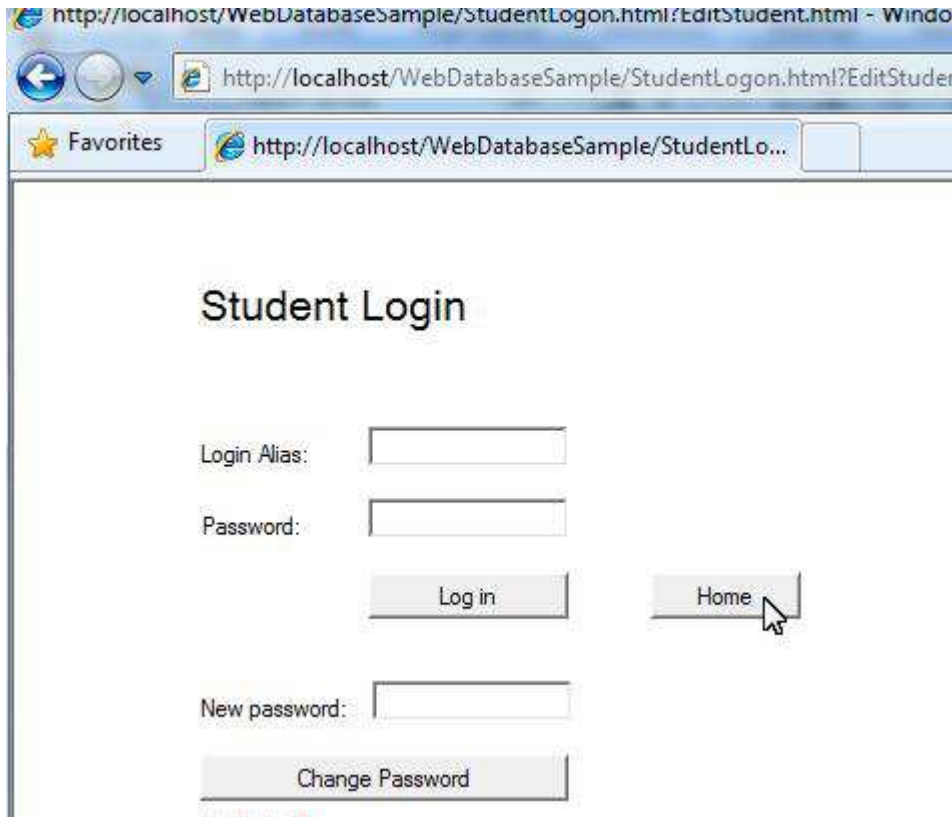
Page 1   Student

Page 4   Page 5

The Student login page appears again:

Click Home to go back to the home page. Click Student. Instead of showing the Student edit page, the Student login page appears again. That is, log off from Page 5 also prevents accessing of the Student edit page because it is also protected by the Student login page:
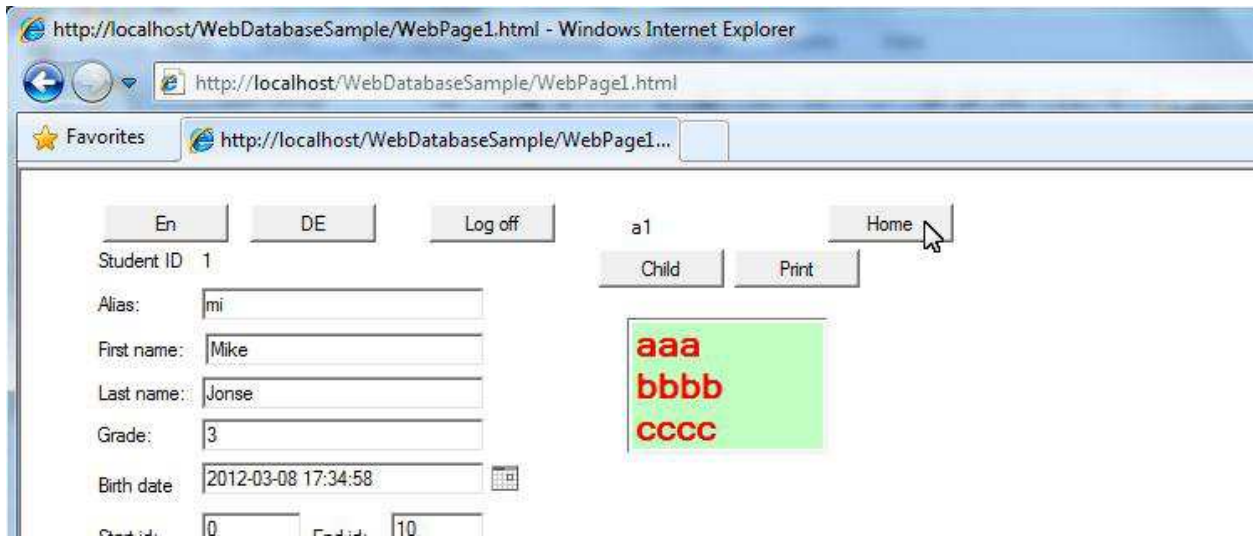
Home Page

Page 1   Student

Page 4   Page 5

http://localhost/WebDatabaseSample/StudentLogon.html?EditStudent.html - Windo

http://localhost/WebDatabaseSample/StudentLogon.html?EditStuder

Favorites   http://localhost/WebDatabaseSample/StudentLo...

Student Login

Login Alias:

Password:

Log in   Home

New password:

Change Password

Click Home to go back to the home page. Click Page 1. Page 1 appears. It shows that log off of the student login does not log off the user login.
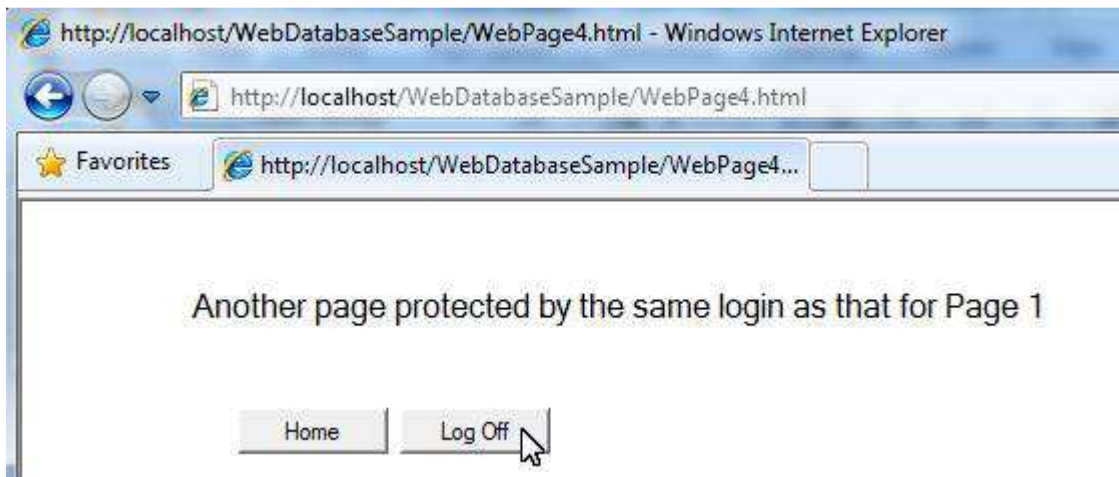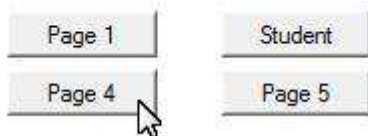
Home Page

Page 1   Student

Page 4   Page 5

We can see that Page 4 is still accessible:
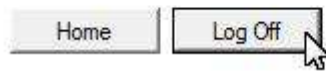

Log off user

Click Log Off from Page 5. The user login appears:

Another page protected by the same login as that for Page 1

Home   Log Off

http://localhost/WebDatabaseSample/WebUserLogon.html?WebPage4.html - Wind

http://localhost/WebDatabaseSample/WebUserLogon.html?WebPag

Favorites   http://localhost/WebDatabaseSample/WebUserL...

Web User Logon

Logon alias: TextBox

Password: ••••••••

Log on   Change password

false

Home

Click Page 1 from the home page. The User login page appears again. It shows that log off from Page 4 also prevents from accessing Page 1 because Page 1 is also protected from the User login page.

Home Page

Page 1   Student
Page 4   Page 5
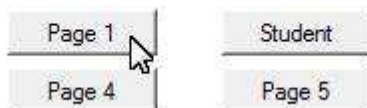
Actually now both logins have logged off. We will see that clicking any buttons from the home page will lead to an appropriate login page.

We can see from the above tests that multiple logins work independently.