

# C#.NET ASSESSMENT 5

## ASSESSMENT 5 - UNIT 7: ASP.NET MVC

Core concepts: ASP.NET MVC

### CHALLENGE A

#### OVERVIEW

Build an ASP.NET MVC Web Application that has four pages: a home page, a login form, an error page, and a welcome page. The welcome page displays the name entered in the login form. The welcome page is only shown when the password is correct, otherwise the error page is shown. See build specifications below for details.

#### SETUP

Use the ASP.NET MVC Web Application provided in the assessment repository.

#### BUILD SPECIFICATIONS

The assessment is worth ten points, one for each of the test cases below. **Pay special attention to the spelling and capitalization of the items in bold.**

1. Your application should do and have the following:
  - a. Home Page (create this in your **index**) contains a link to the login page using an **a** tag. Use the absolute path (IE say I want to go to the about page in the HomeController, I would write in the a tag **"/Home/About"**)
  - b. The **Login** Page contains a form with two inputs, one for name and one for password.
    - i. When the form is submitted, these values are submitted with names **"name"** and **"password"** respectively to the **"Welcome"** ActionResult.
  - c. In the controller, verify that the password is correct. The correct password is **"open sesame"**. Any other password is incorrect.
    - i. If the password is correct, send the user to the **Welcome** view.
    - ii. If the password is incorrect, send the user to the view **"WrongPassword"**. On this page, display an error message saying **"Incorrect Password"**.
  - d. The **Welcome** model should have the following properties:

- i. String **Name**
  - ii. Int **Length**
- e. The **Welcome** page displays the message "Welcome" plus the name entered by the user on the form. This welcome view should take in a **Welcome** Model.
  - i. The name should be displayed in all caps. For example, "Grant Chirpus" would be displayed as "GRANT CHIRPUS". Capitalization must take place in the controller. The name should be passed to the view via the **Welcome** model.
  - ii. The length of the name should also be displayed. For example, given the name "Grant Chirpus", the number 13 is also displayed on the page. Determination of the length must take place in the controller. The Length should be passed to the view via the **Welcome** model.

## **SUBMISSION**

When finished, push your changes to the same GitHub repository you cloned your project from.