I am going to continue to work on this and improve on what I am doing, but between the internship with Knox County and the Hadoop course and the Tutoring job, I have run out of time for now. I appreciate the opportunity to get to continue trying to get farther with this project and trying to get more code working.

GitHub Site: <https://github.com/dmwalk17/Practice/tree/master/Advanced.Net>

This document is in the Admin folder.

I did not complete all of the pages (minimum including a page for each type of user) due to the difficulty of finding a valid example/tutorial to produce the proper outcome and all the moving parts it takes to make the page including use of jquery/ajax, etc.

Most of the tutorials I used for this project came from Kudvenkat’s channel on YouTube unless otherwise noted. Sometimes it is hard to give direct to a single video because I usually ended up take and bits and pieces from multiple locations making them a “paraphrase” of multiple examples.

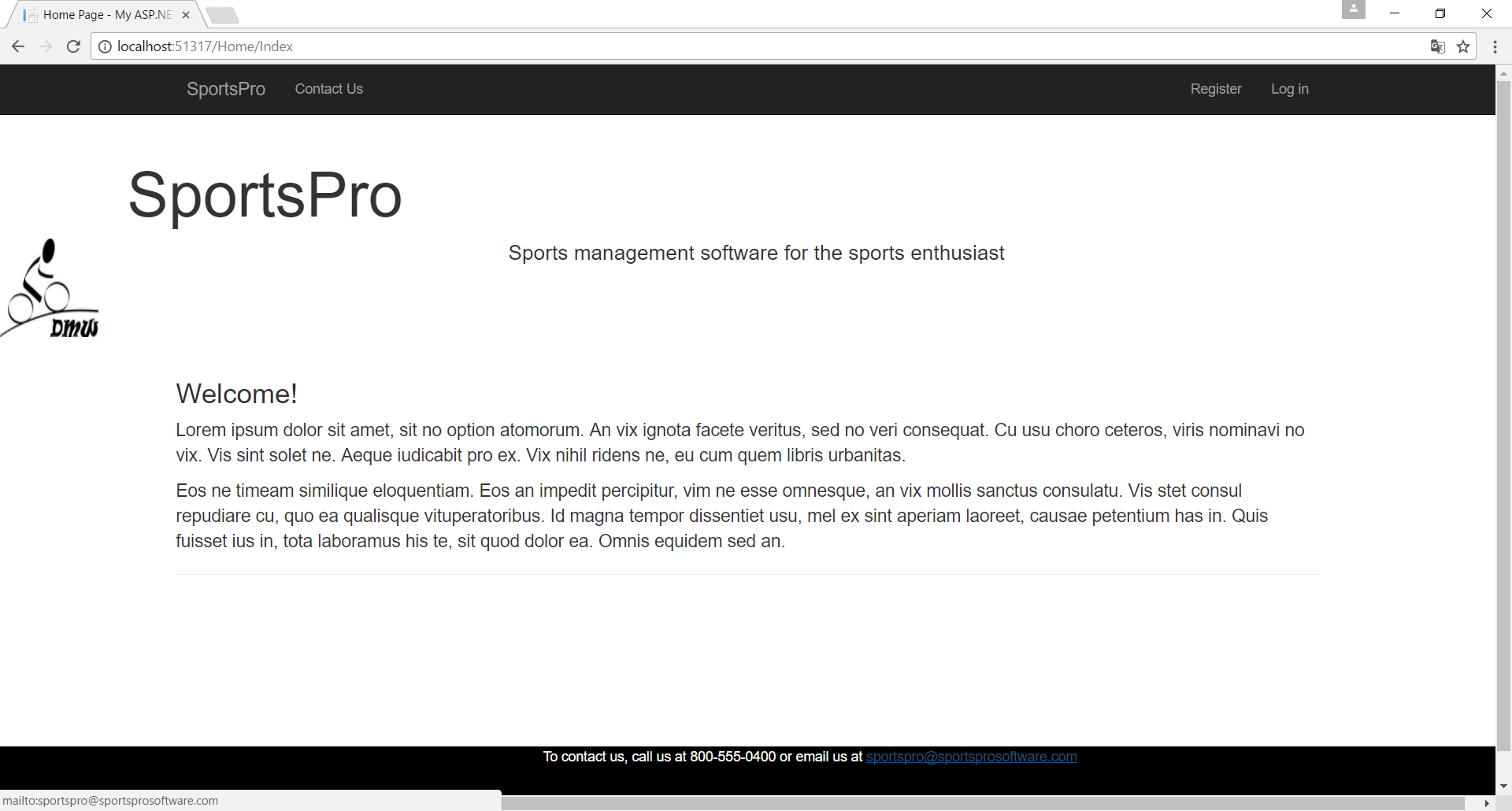
I got really close on most things except for the Customer Survey page. I have bits and pieces of code, but I was making a bigger and bigger mess trying to come back to work on this and decided I would do better to wait until after my internship to come back when I was not trying to rush through and “make it work”. There are parts of survey code that work, but I didn’t have time to get the pieces knitted together.

Thank you for the opportunity.

Donna

Donna Walker ASP.NeT MVC Project

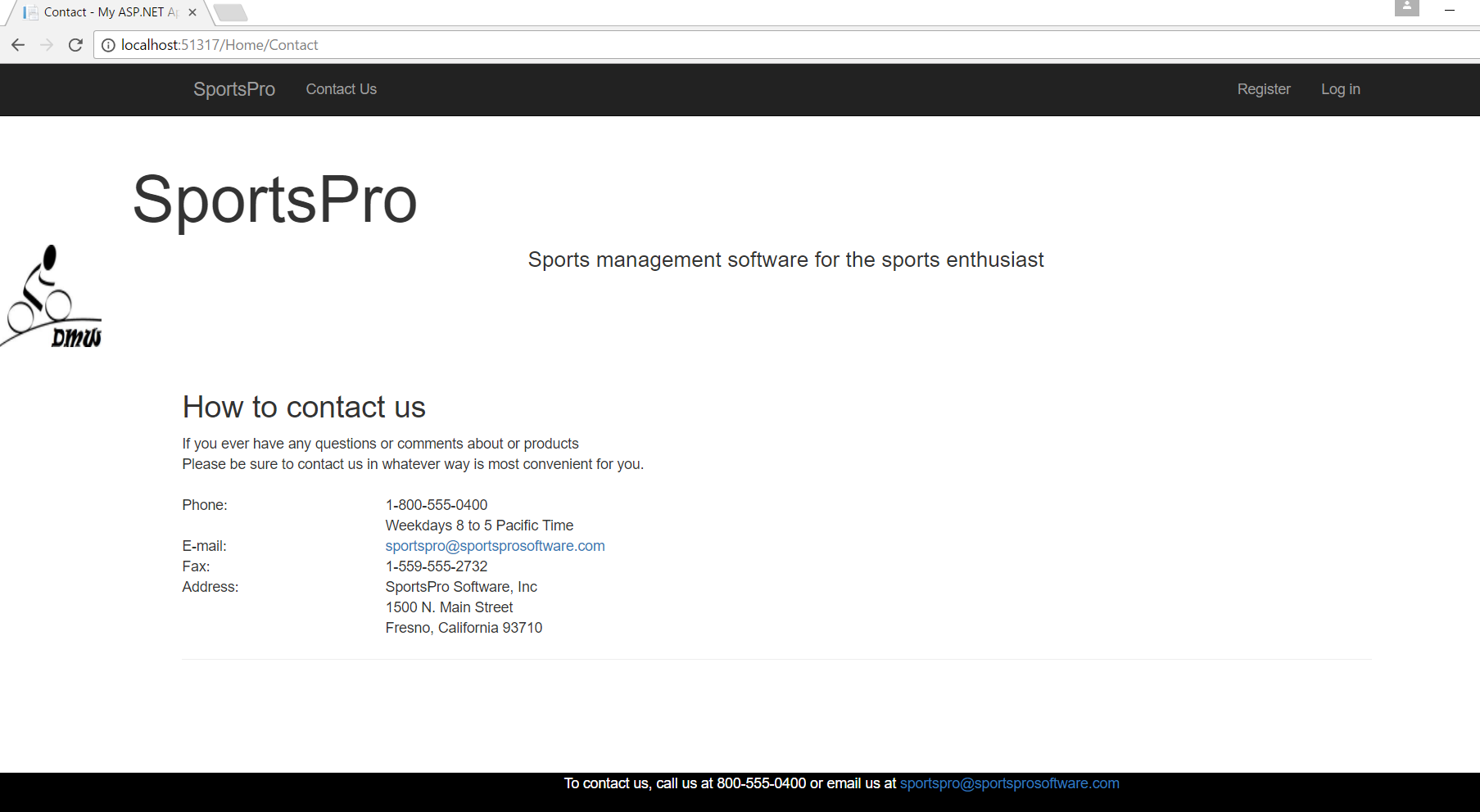
Initial Index Page: Without Login



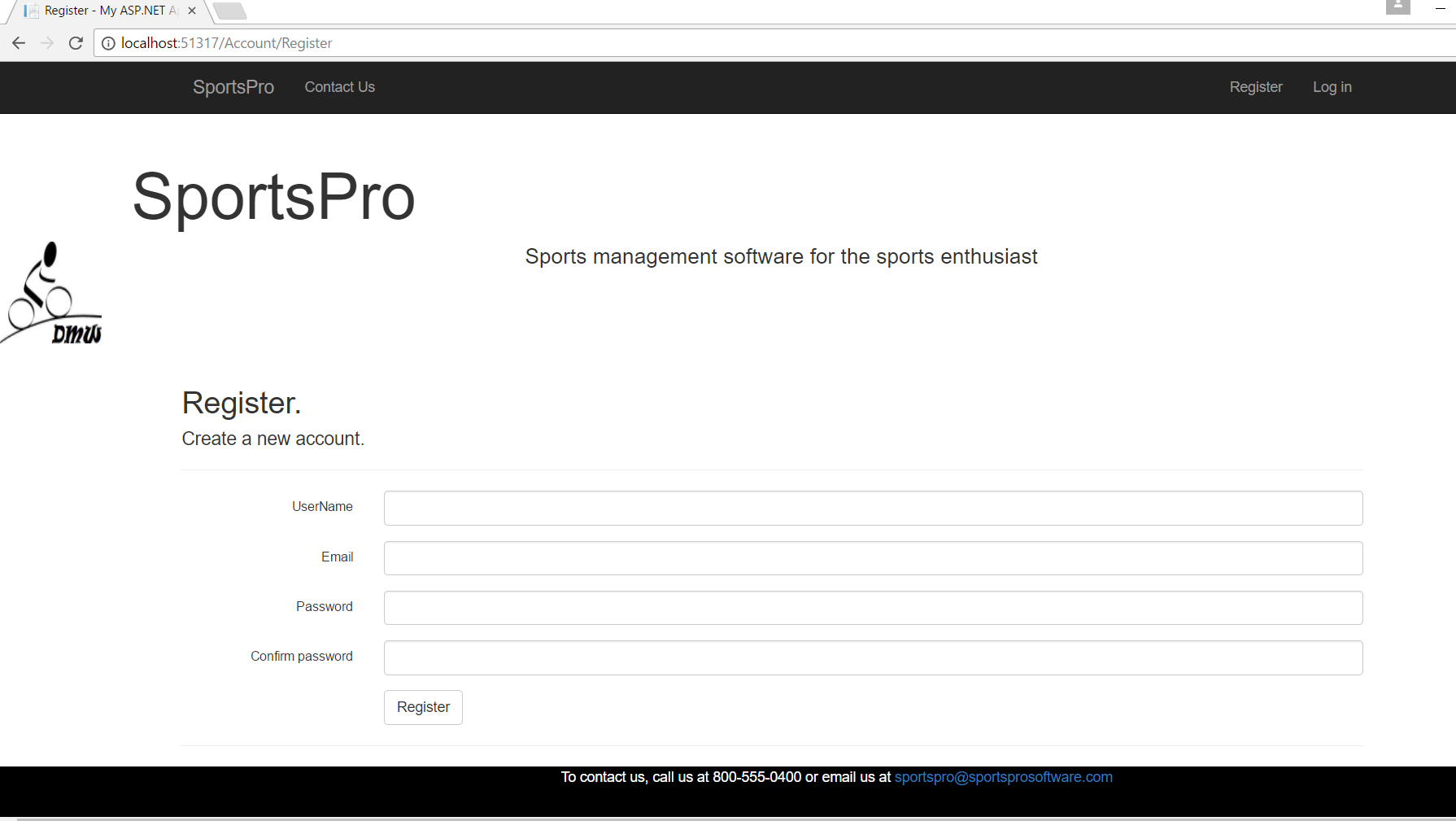
Notes:

* Uses logo & “Masterpage” specifications (SportsPro\Views\Shared\\_Layout.cshtml)
* Uses ipsorum text
* Does not have any menus offered that are limited to role assignment/login.
* Bottom shows that link is set up to mail to appropriate email address

Contact Us Page: Without Login



Register Page

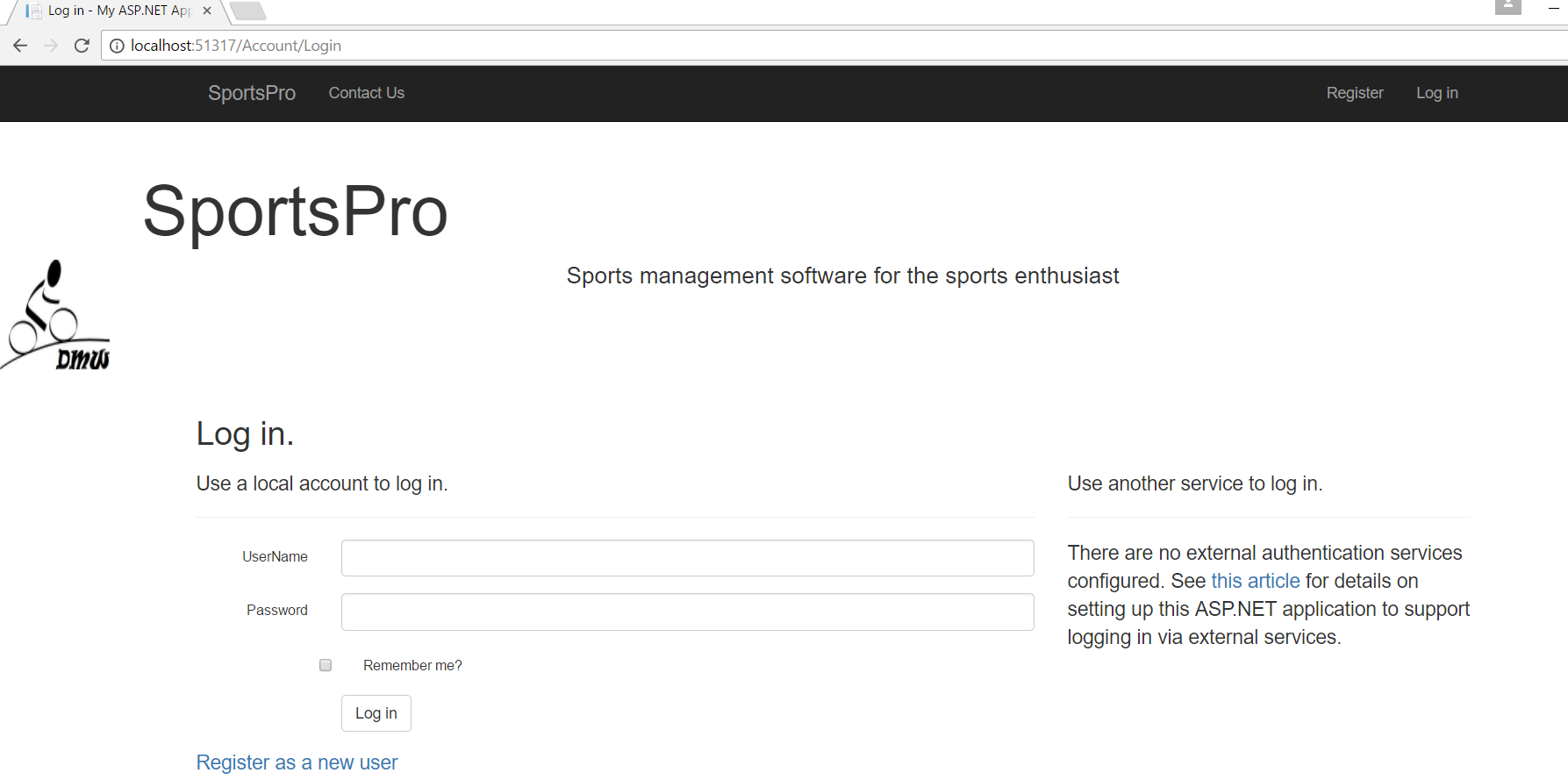


Notes:

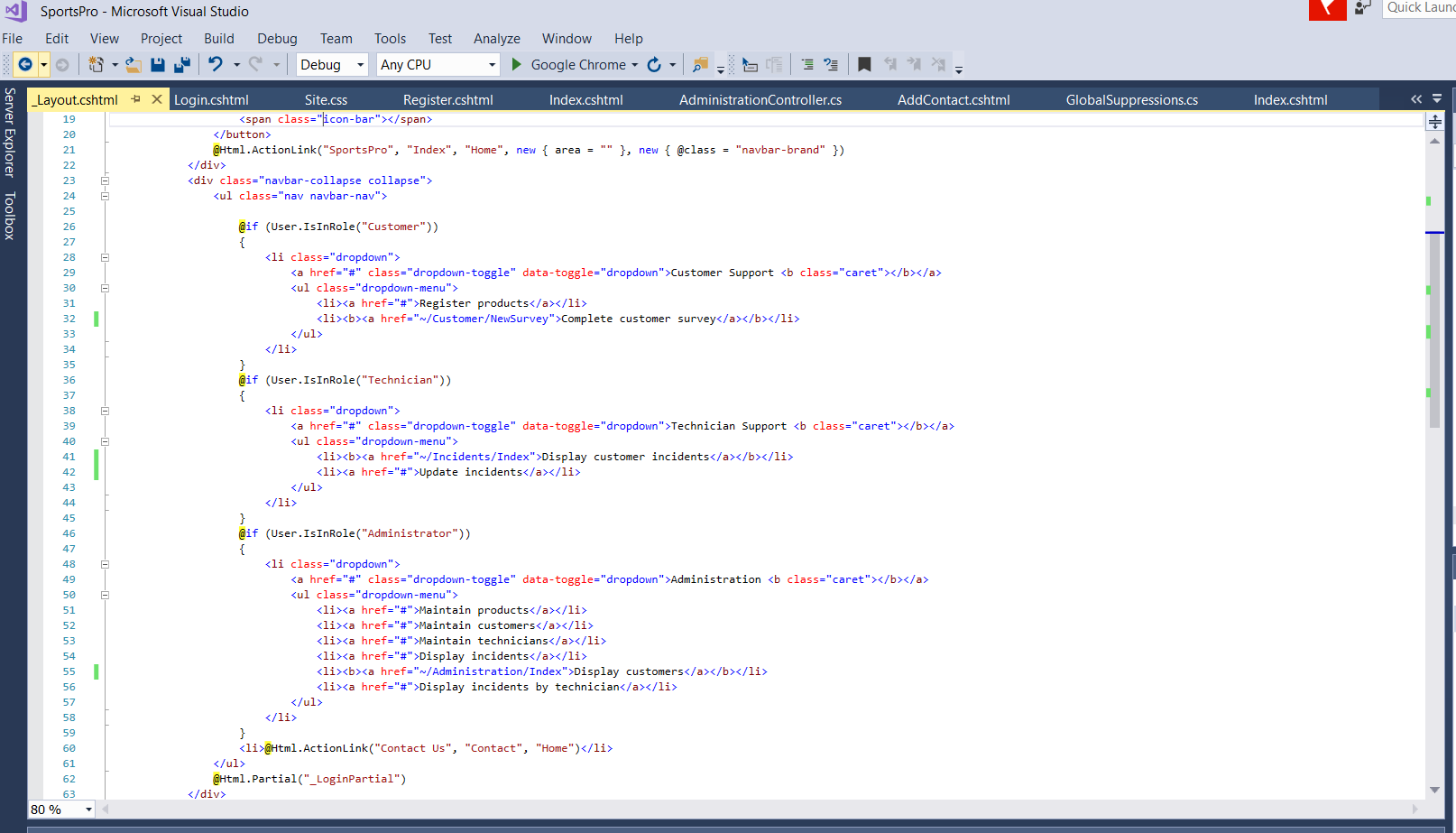
* Have tried to shorten the box using bootstrap and custom class max-width settings on the textboxes, but it has not taken yet. Still hopeful it might eventually kick in like inverse footer eventually went black with white lettering three days after I did it.
* Otherwise, fully functional. I have registered six user using this page. Three are not usable because of changes that I made to the login using username instead of password in the greeting. The active login names you can use:

Email UserName

* Administrator: [MyNewAdmin@myadmin.com](mailto:MyNewAdmin@myadmin.com) MyNewAdmin
* Technician: [MyNewTech@techsrus.com](mailto:MyNewTech@techsrus.com) MyNewTech
* Customer: [dwalker1@pstcc.gov](mailto:dwalker1@pstcc.gov) DWalk
* Password for all logins is: \*Admin2017

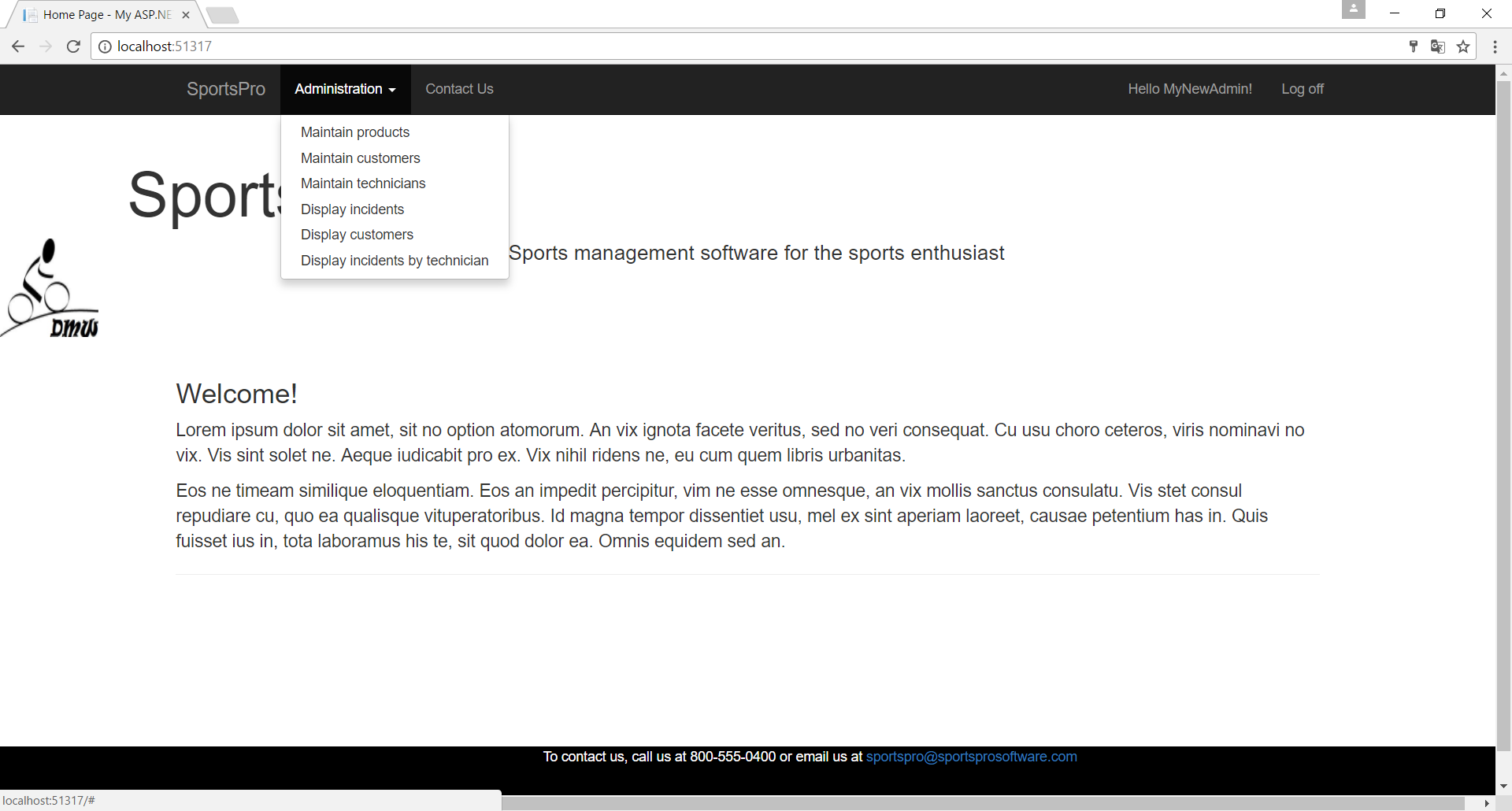
Login Page:

* Note that login does not take email (the default setting) but UserName instead
* While not very fond of the extra writing on the right side of the page about the page not having any external authorization configured, the login does work and the next three pages are the index page as it is shown with login by the three different roles with only their pertinent additional menu item accessible: (Customer menu for Customer logged in, etc)



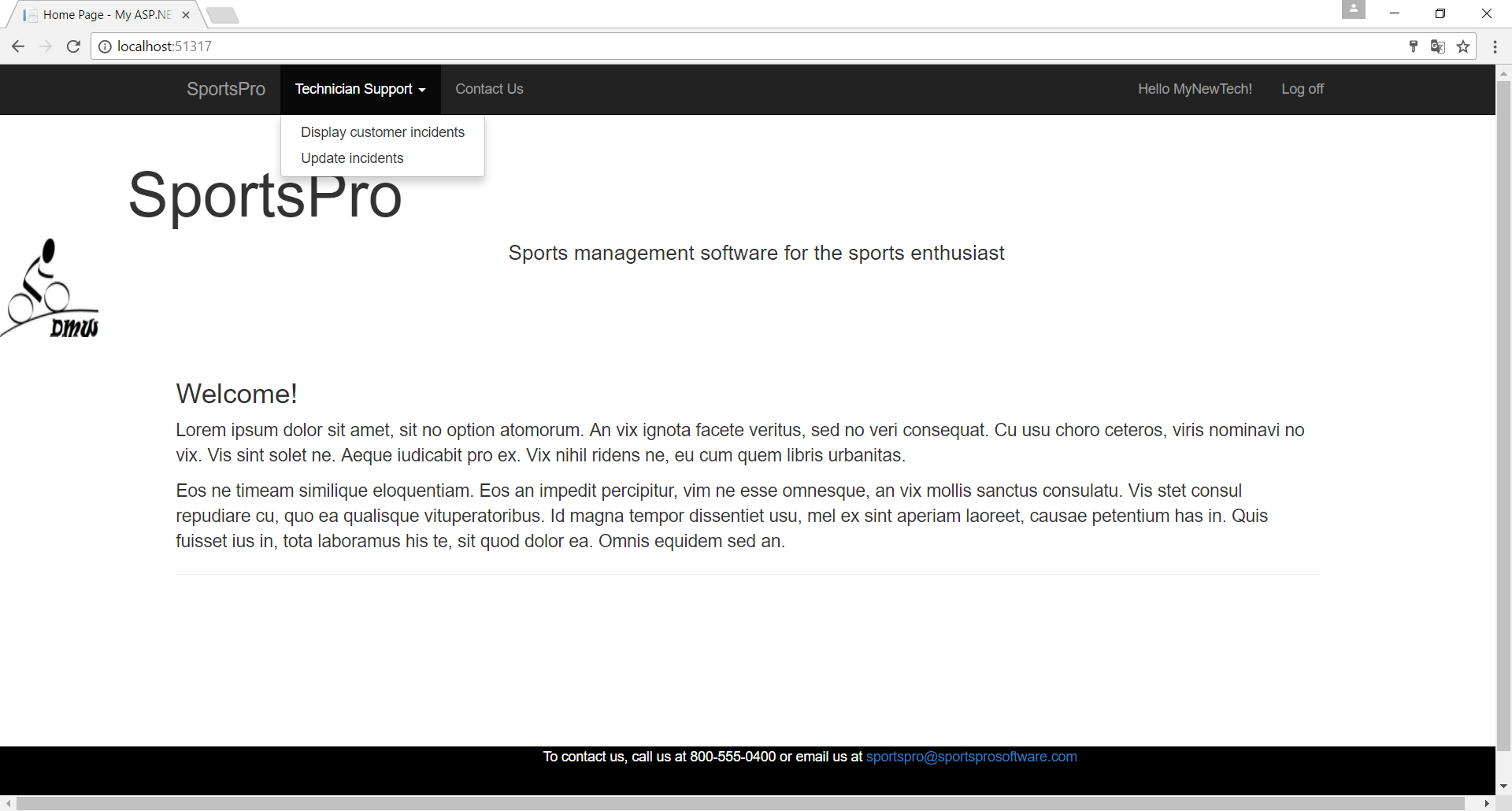
Also shows the submenu items I chose to implement for each type of user and that I chose one for each.

Index: Admin Login

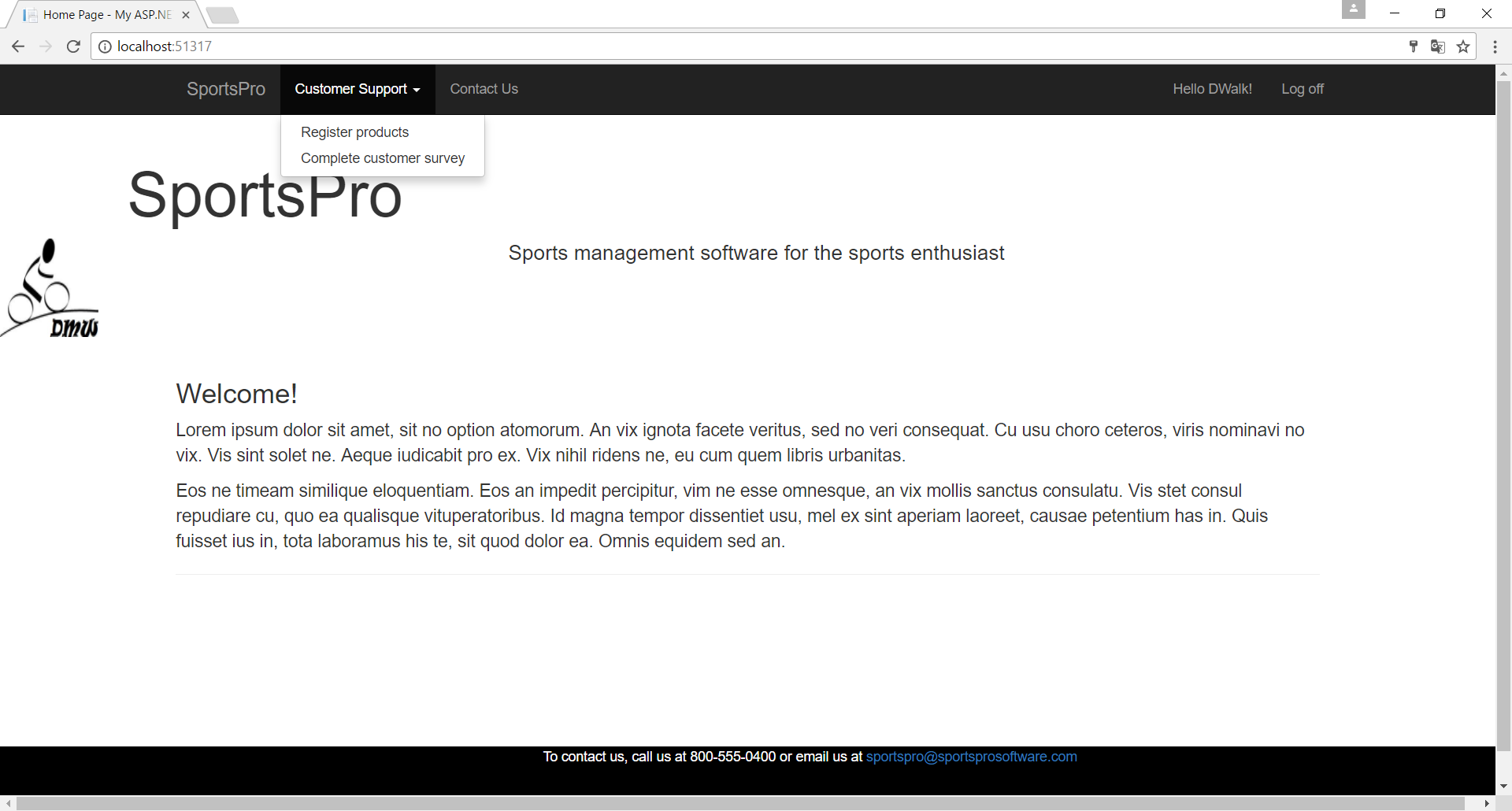


Note: Shows username, not password on the greeting next to Log off and Administration menu

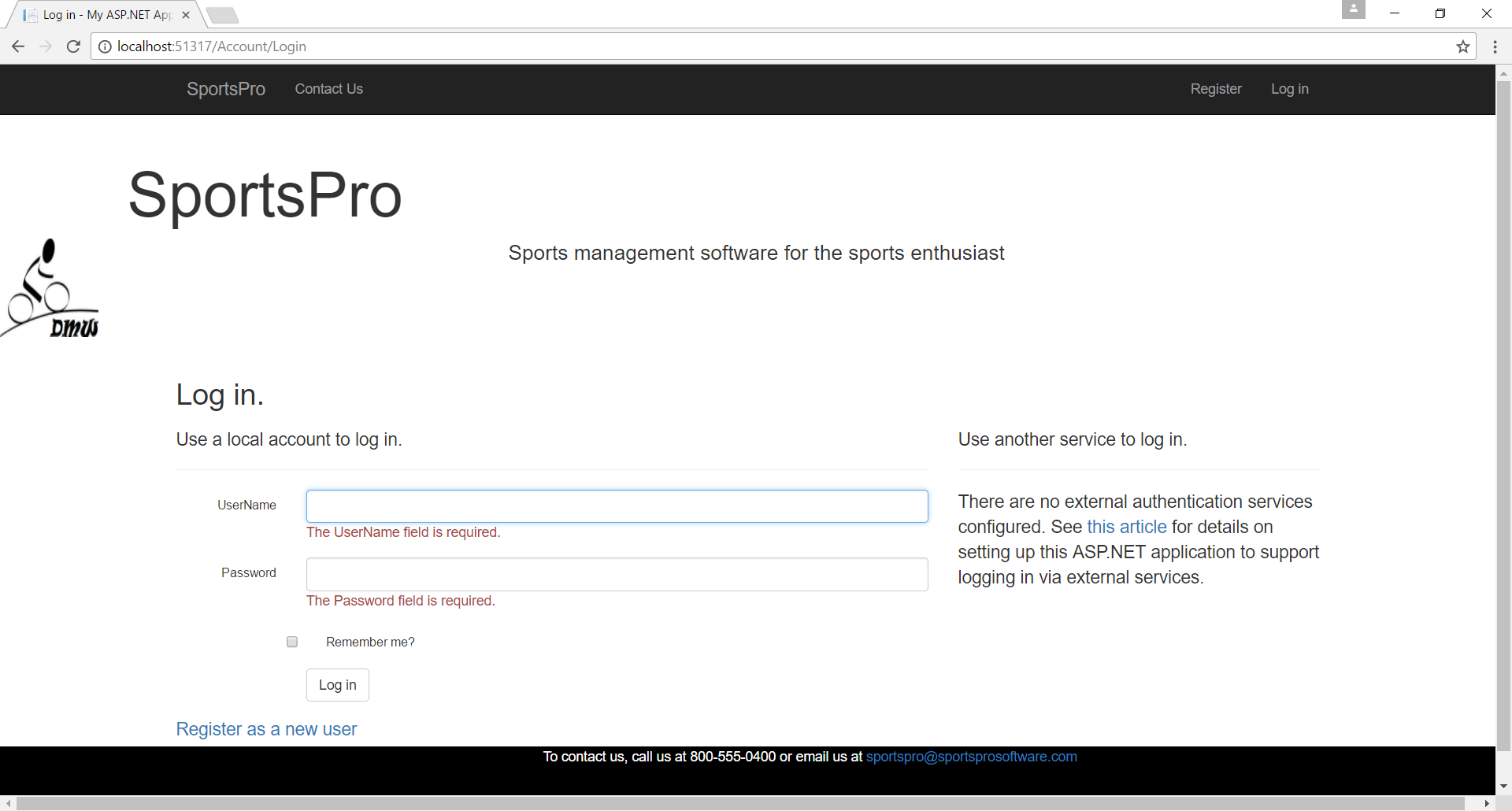
Index: Tech Login



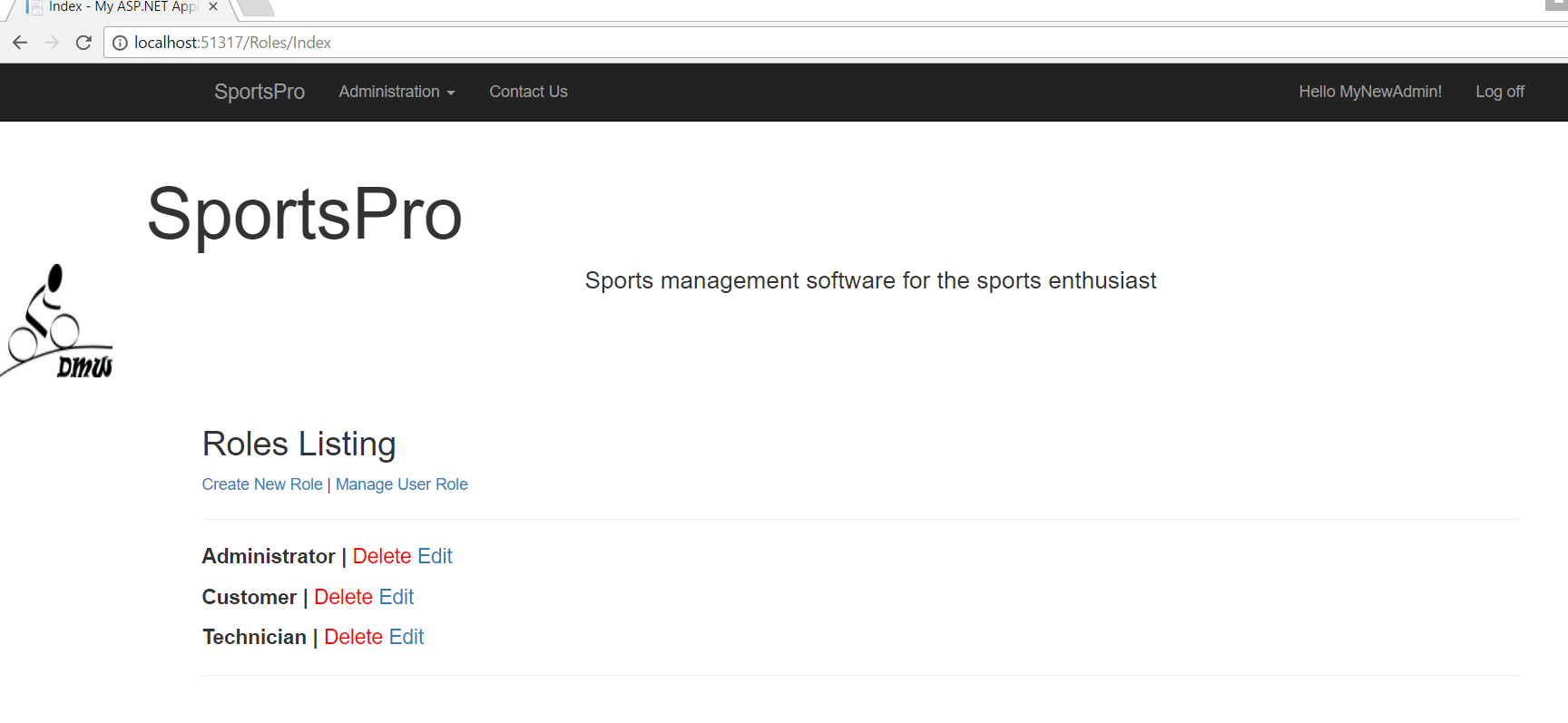
Index: Customer Login



Login: Error Handling

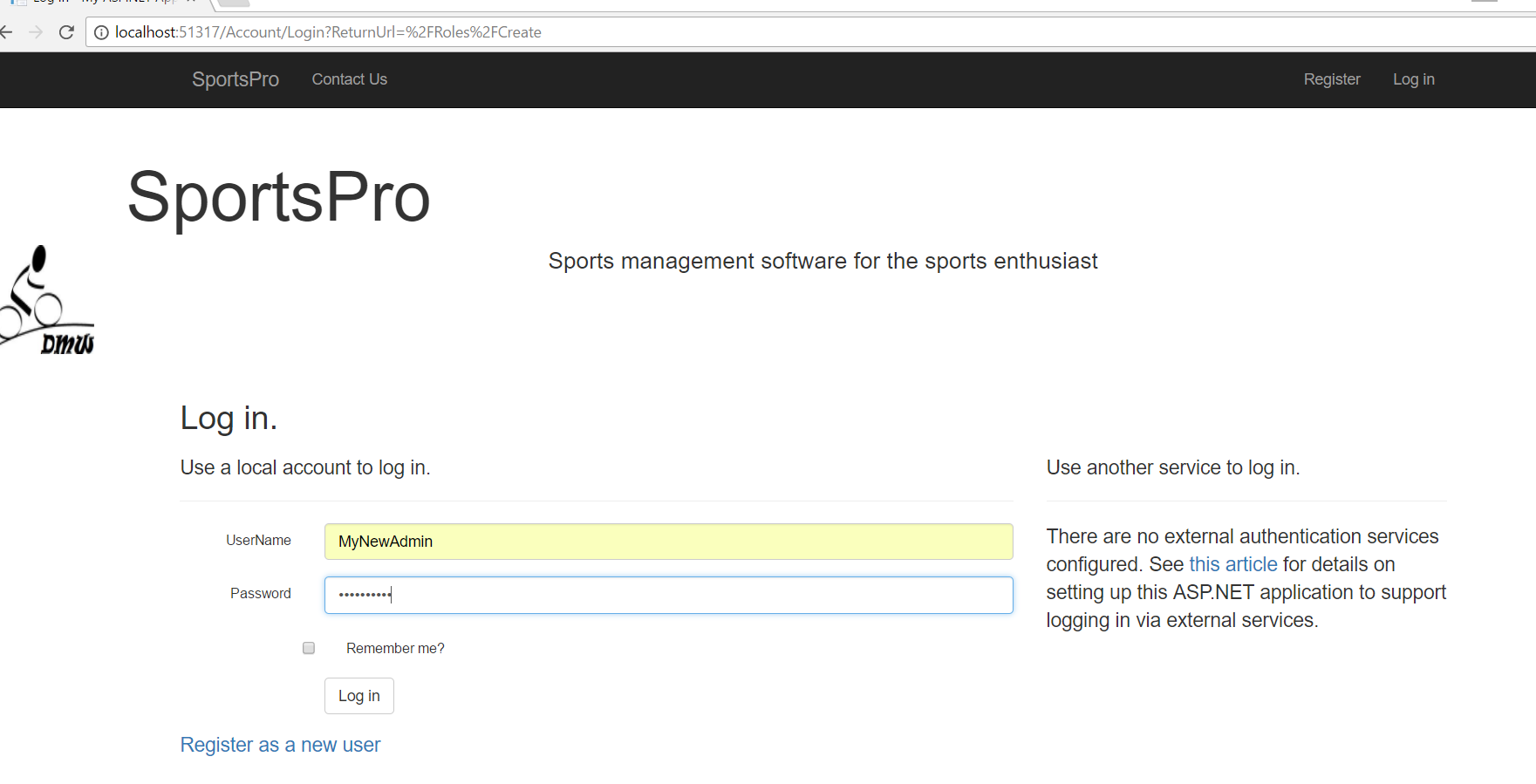


ROLES: (1 Index)

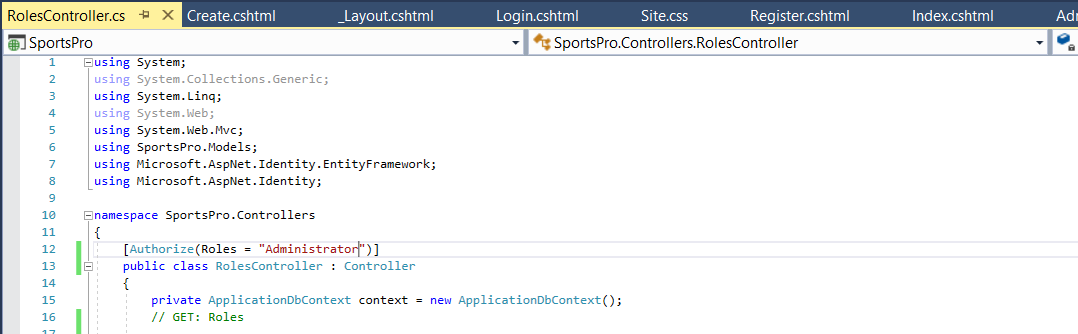


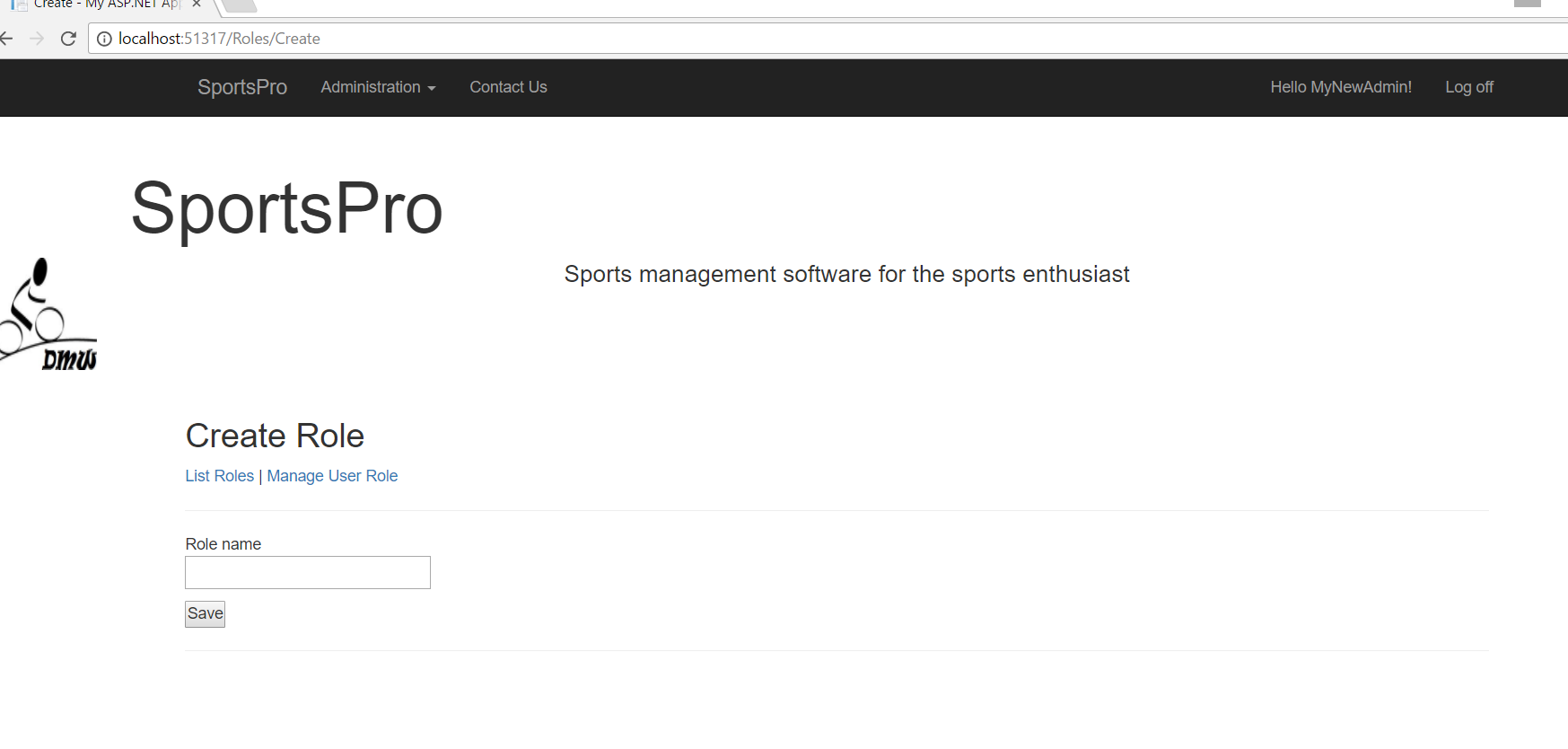
Note: The above screen shows the three roles that exist. (Previously created)

2(Create)



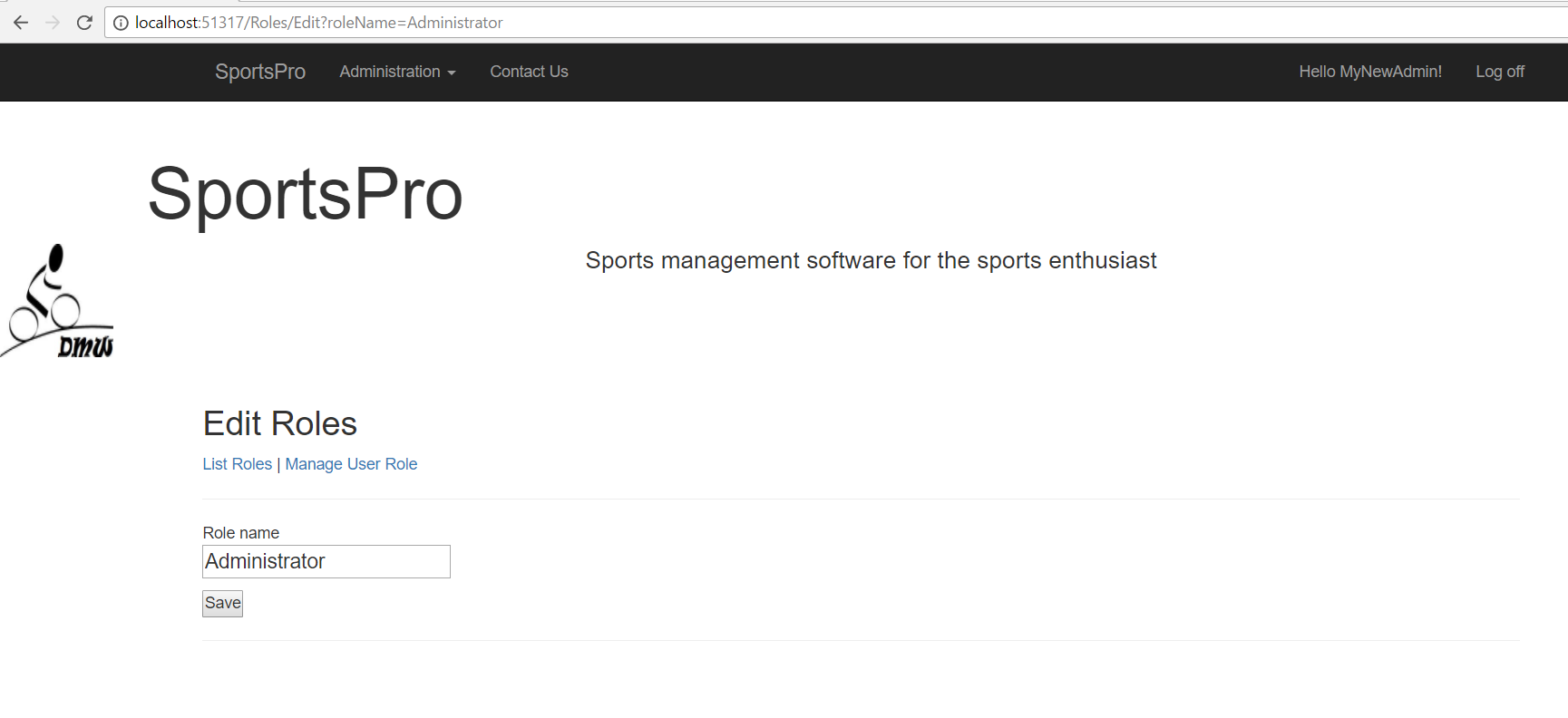
Note: As you can see from the browser reference, the user must log in to have access to the Roles controller. The pictures below show that the user must be an Admin to access the roles assignment screens and that the Admin account successfully signed into the account.





Note: The fact I have a Customer, Administrator and Technician Role that are assigned to users demonstrates the functionality of this function of the program. Feel free to sign in as an admin and assign another role, but know that there will be no menus showing other than Index (via SportsPro logo in nav bar, and Contact Us page will be accessible to other roles). [Shown in code on page 4 above]

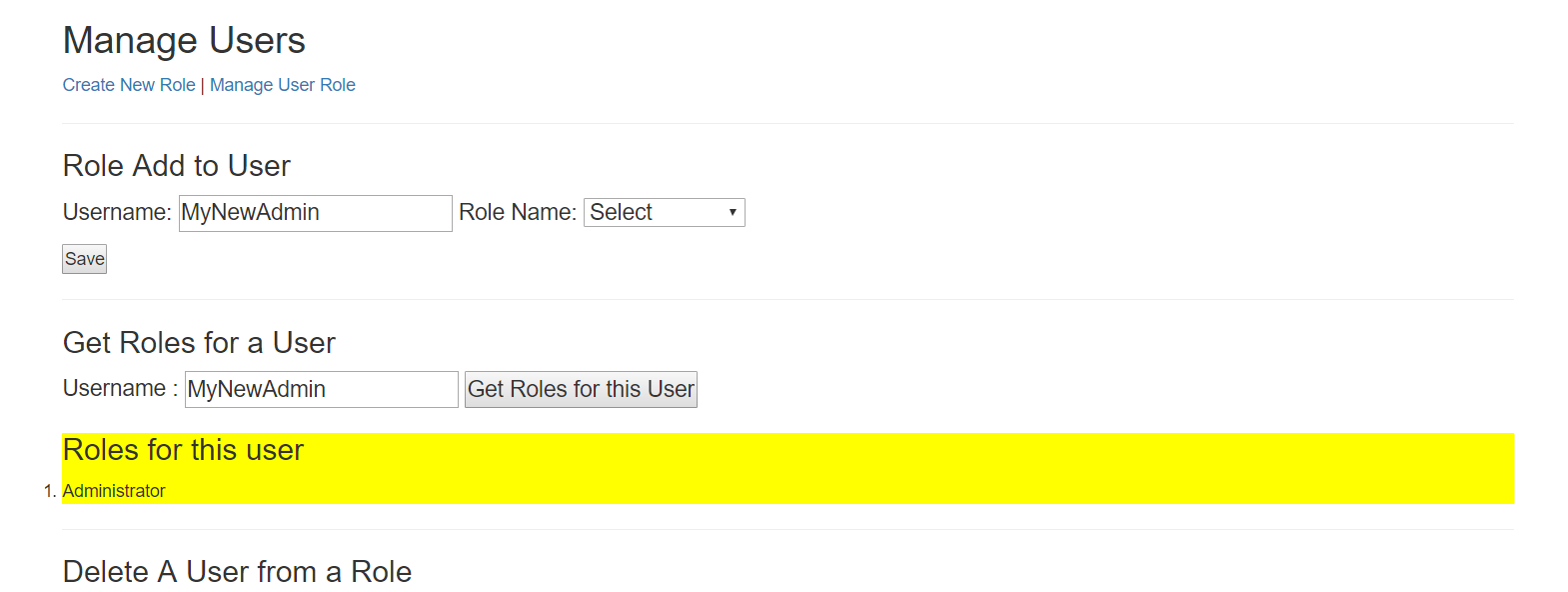
Roles: 3 Edit



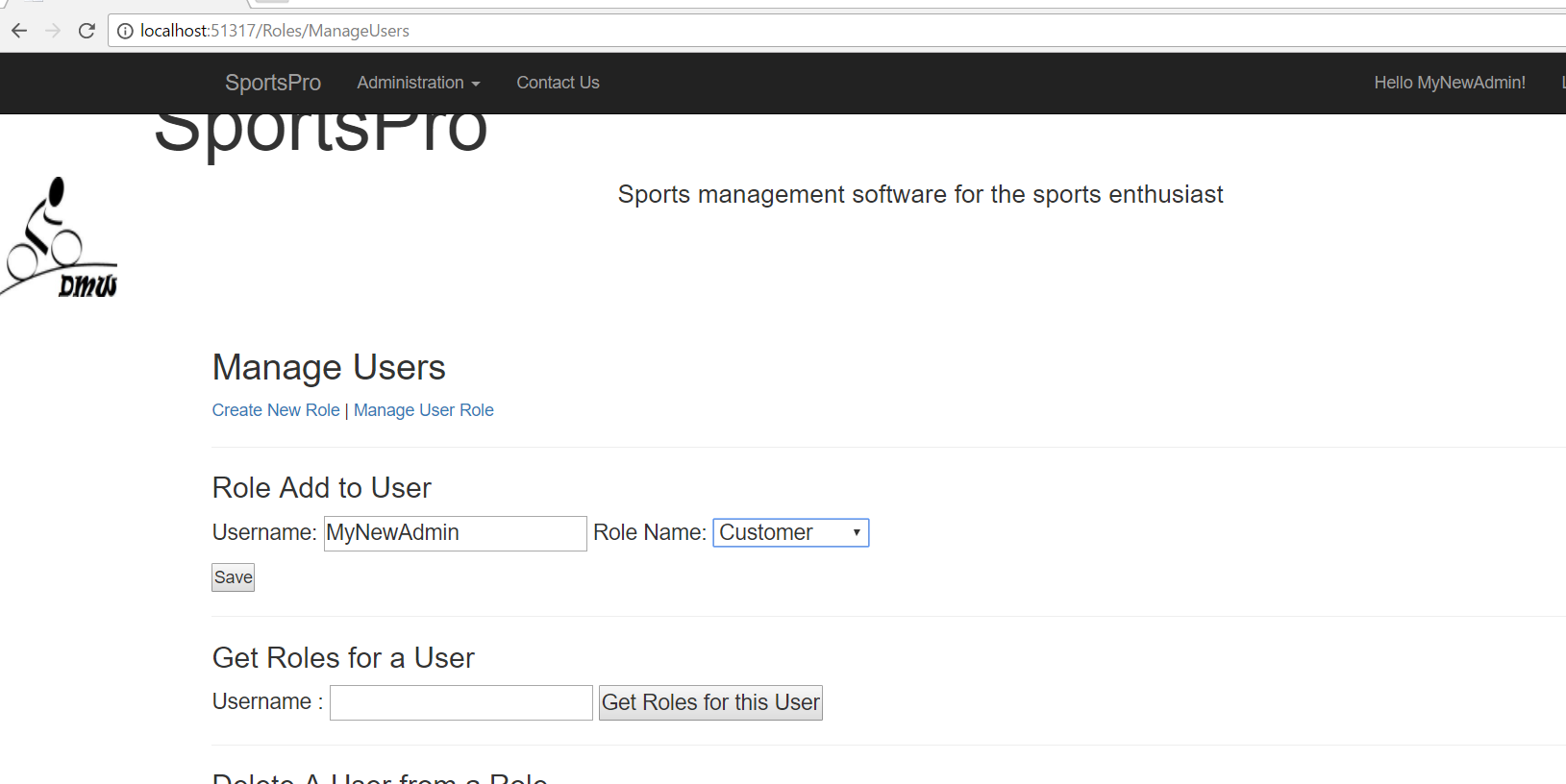
Allows users to change roles names.

Roles: Manage Roles

Shows current roles for MyNewAdmin:

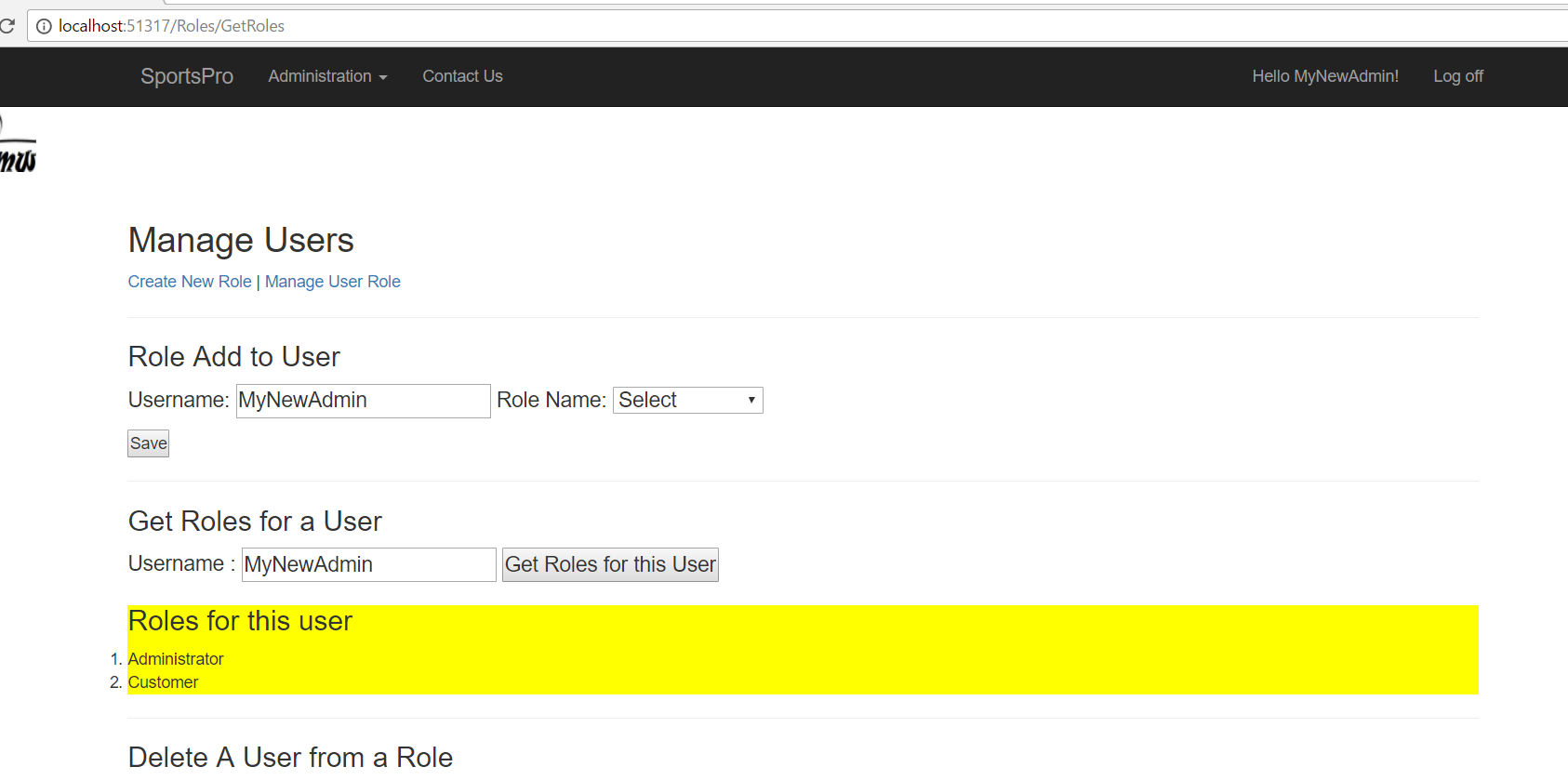


Shows Adding a New Role for MyNewAdmin:

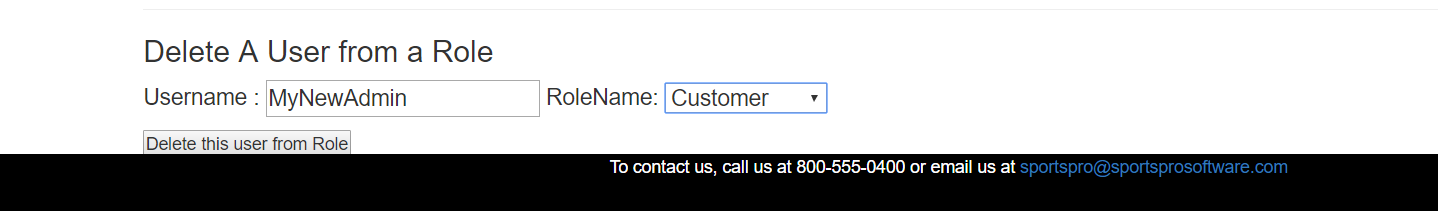


Note: Shows adding an additional role to MyNewAdmin

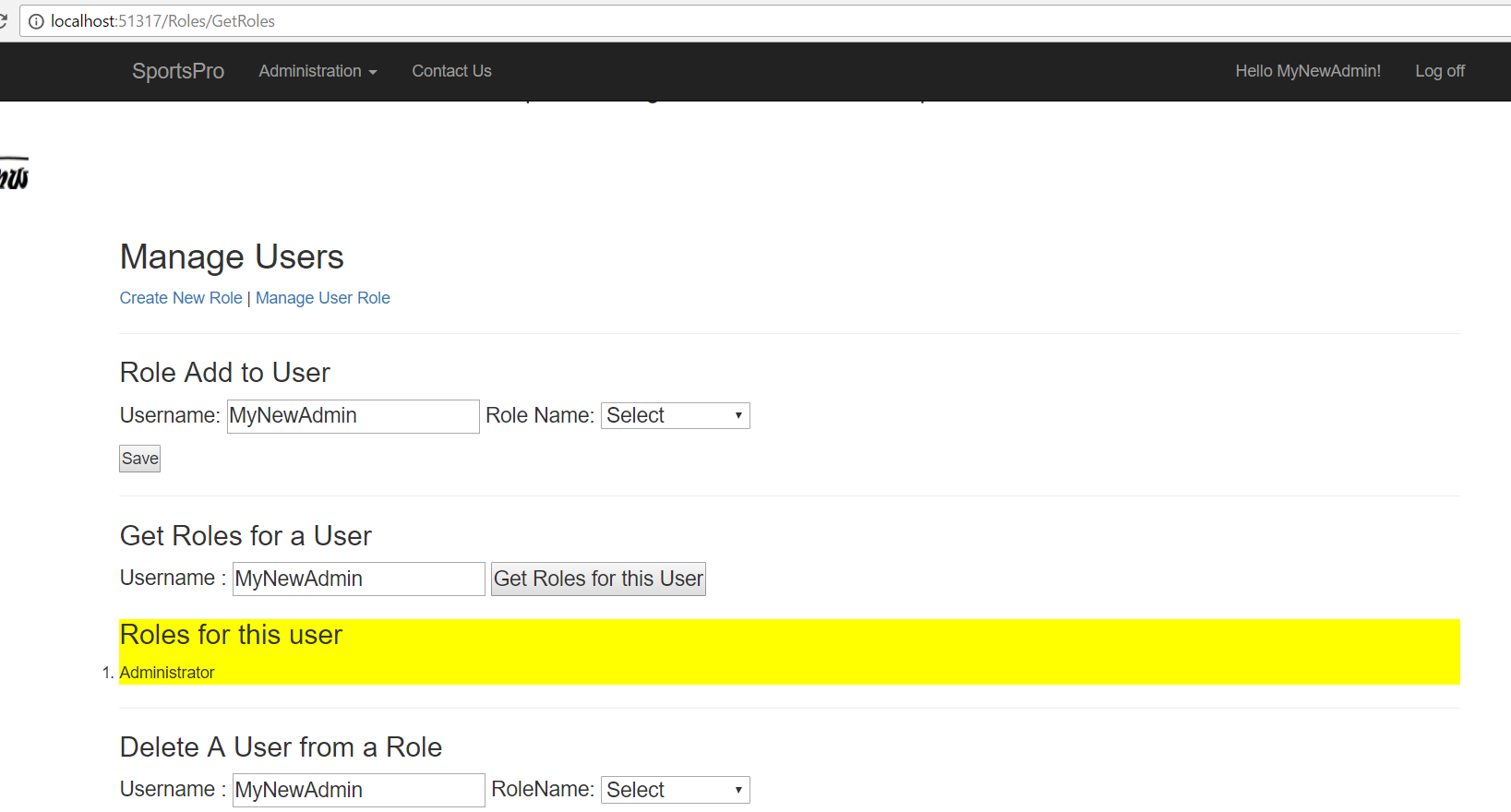
Updated Roles after using Add Role:



Delete Role:

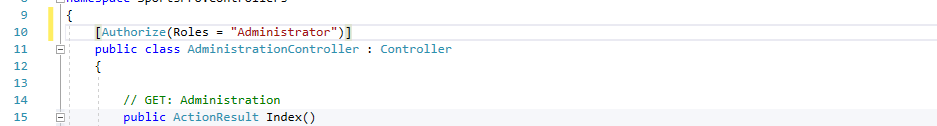


Outcome of delete: (No longer customer, only Administrator again)

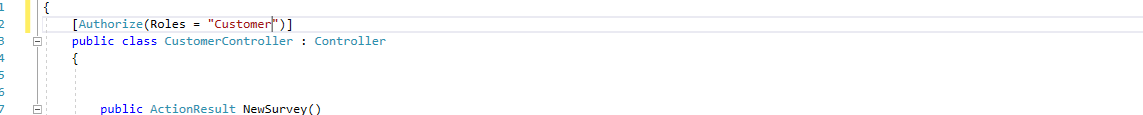


Controller Access Limited to Role:

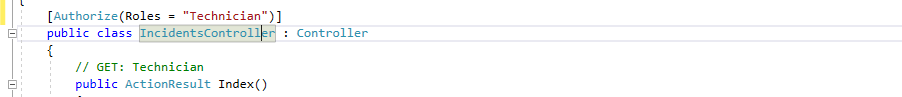
Administration Controller:



Customer Controller:

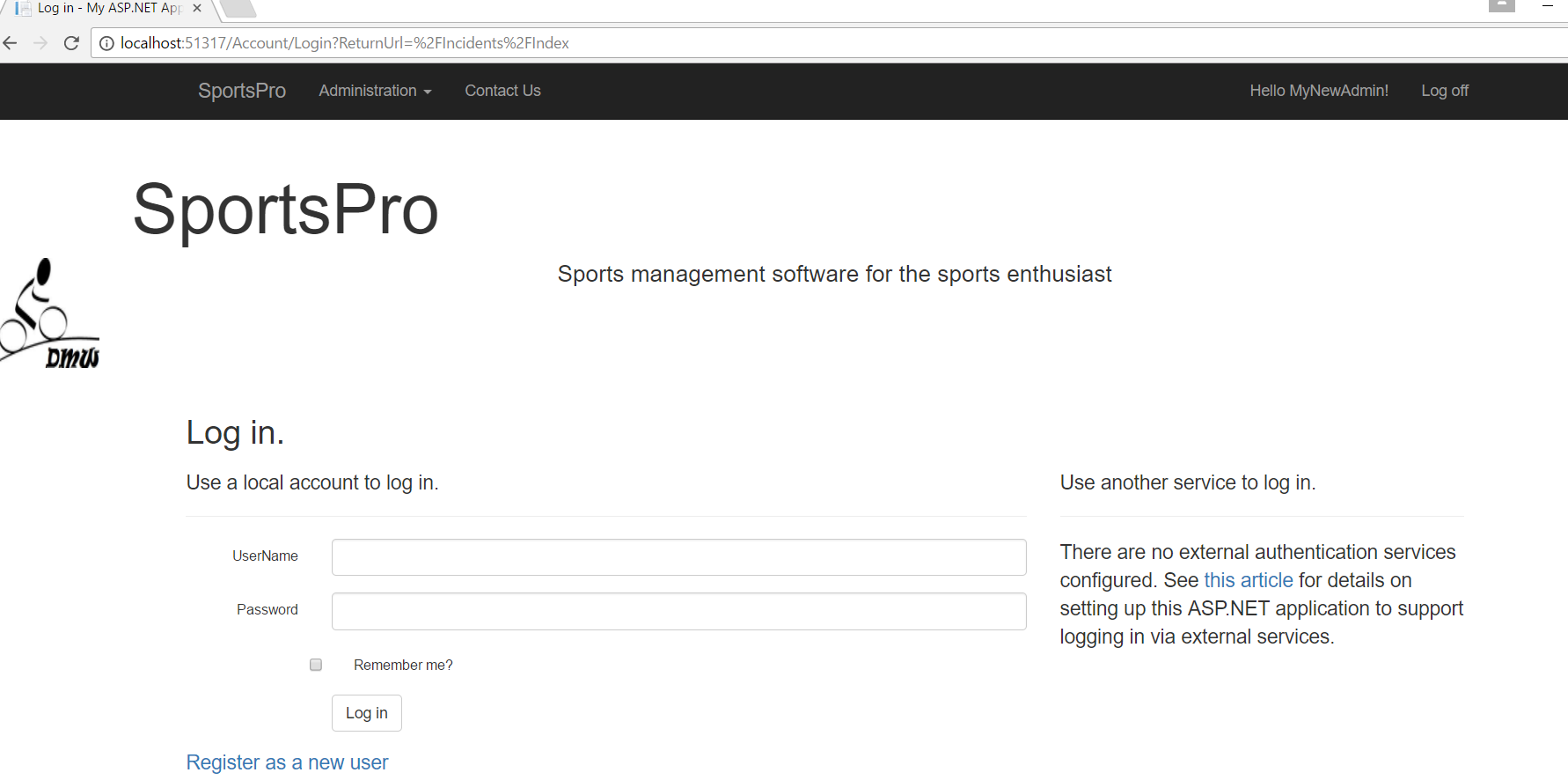


Incident Controller for Technician:



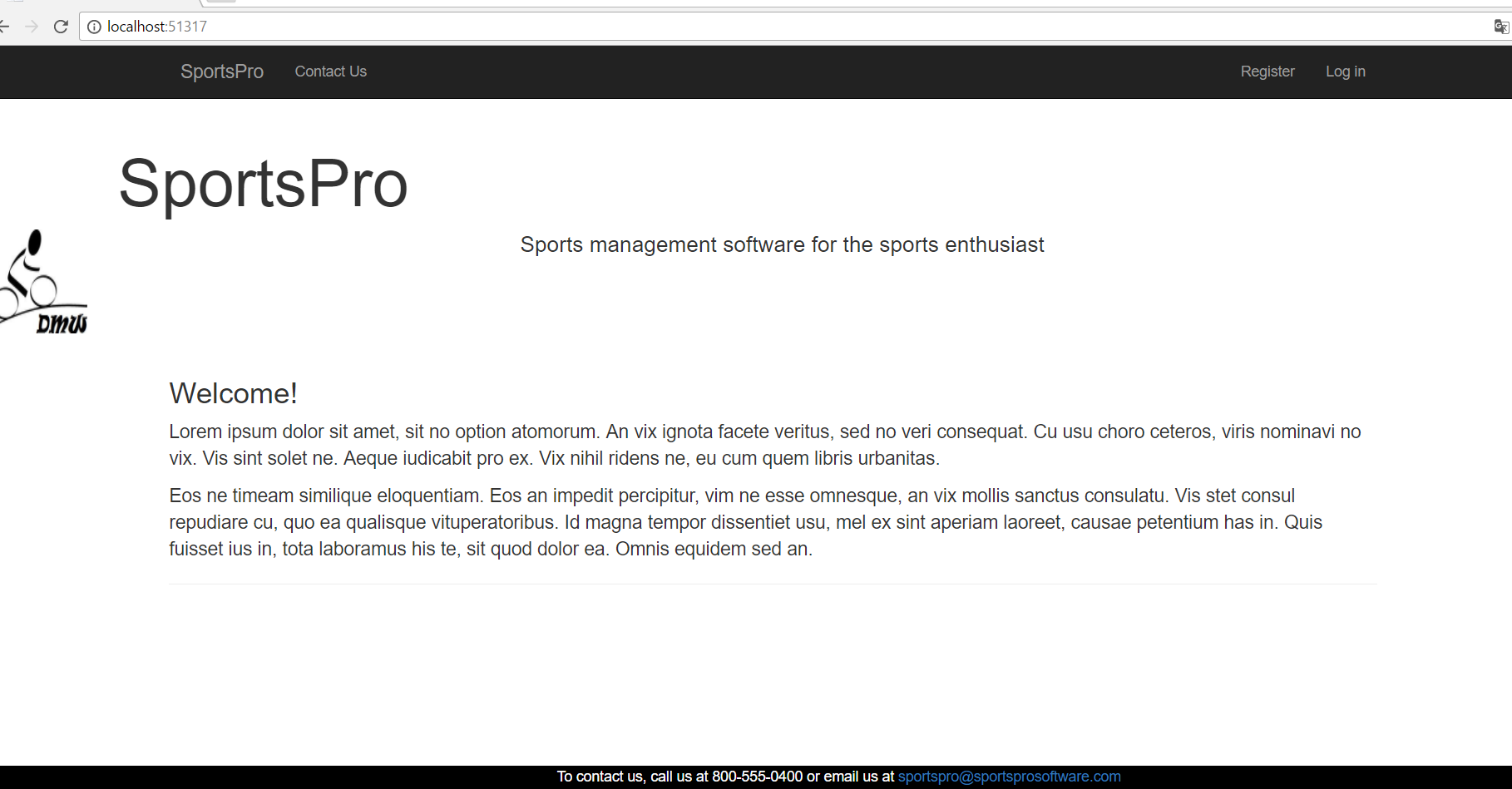
Note: This is done to keep users from accessing limited-access controllers by entering FriendlyUrls in the browser and avoiding login.

Proof of Concept:



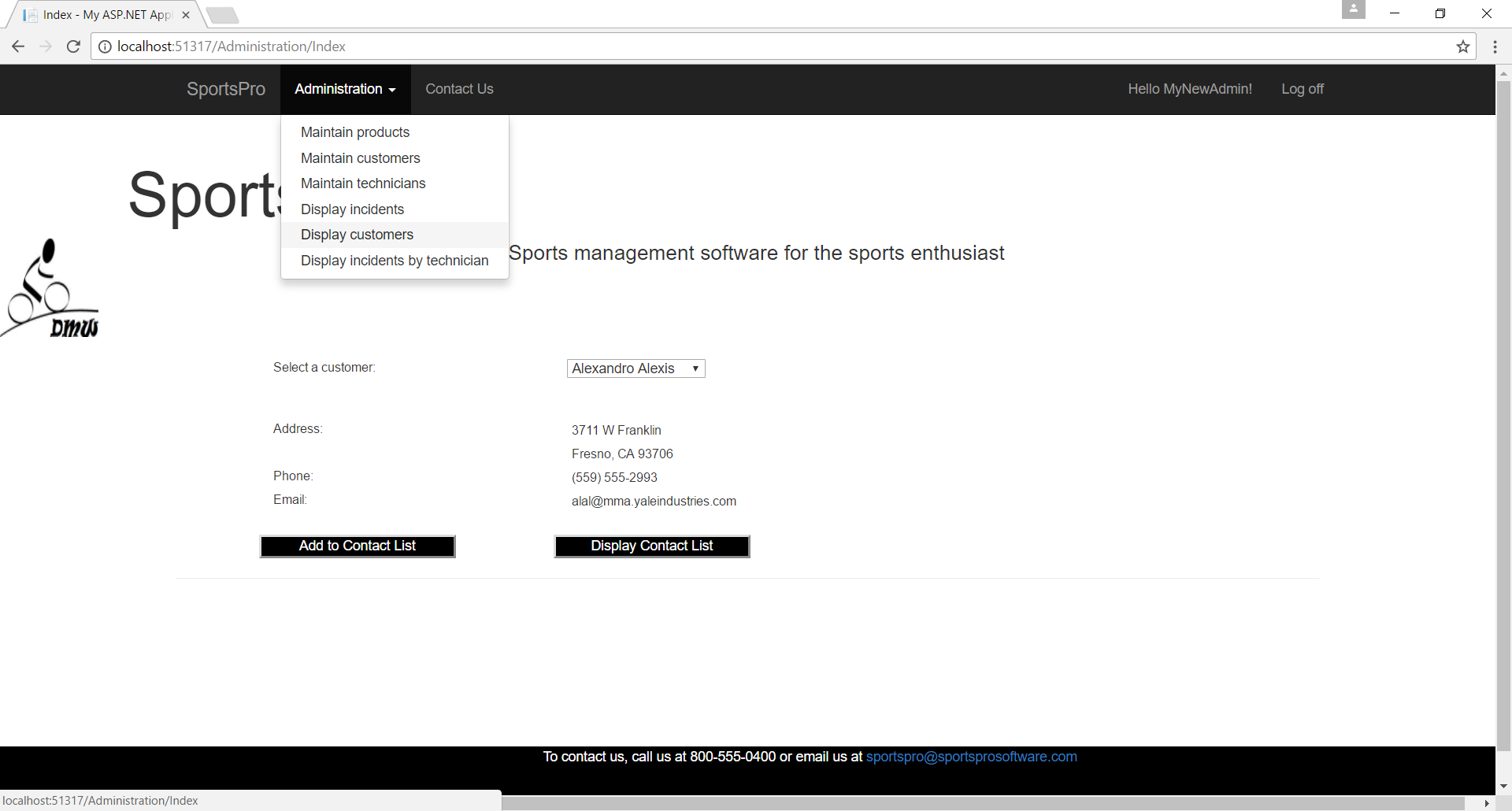
Note: In the above screen, you can see the logged in user MyNewAdmin (see hello message) tried to enter Incidents/Index into the browser, but was re-routed to the log in screen since they did not have access to the Technician controller. MyNewAdmin is only an Administrator.

When MyNewAdmin logs out. The Administrator is sent back to the Index page:

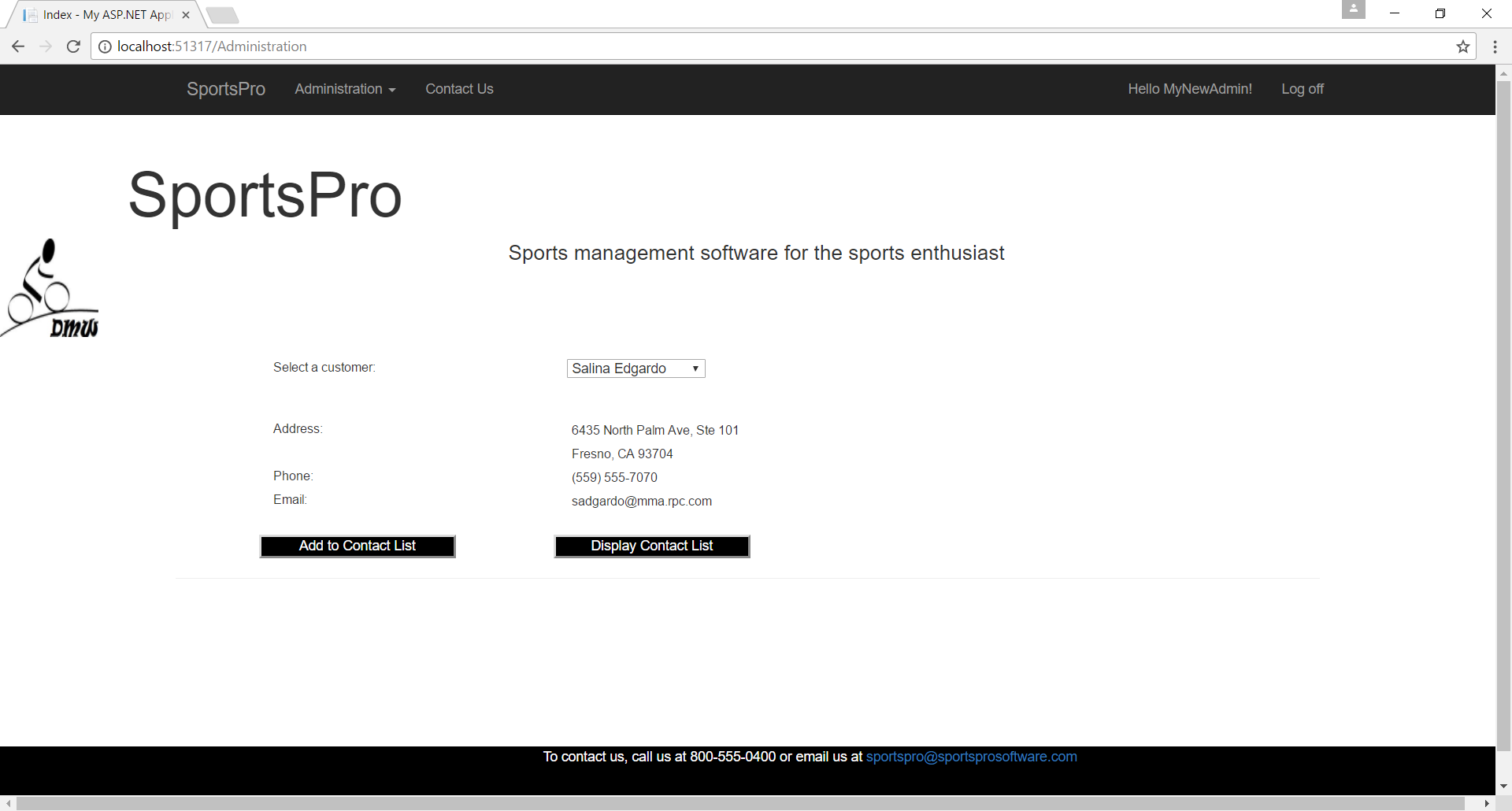


Display Customers: (Admin Role Page)

This is the Administrator page that I attempted. When the Admin selects Display Customers, they see this screen showing the first name alphabetically with the correct address for this customer:

Postback of Display Customer:

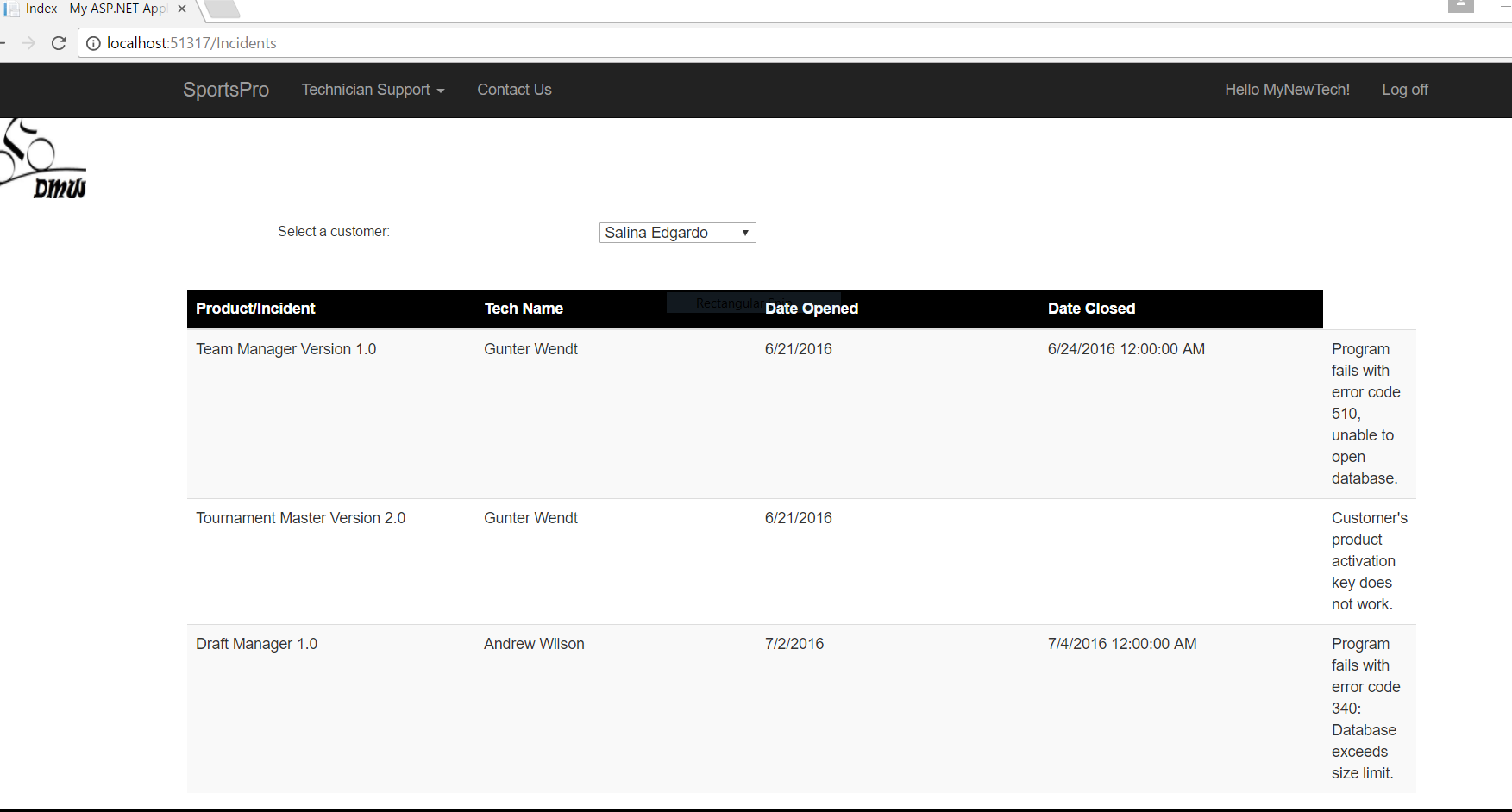
The user can select a different customer and the page does automatically update to the correct contact information for the new selected customer:



\*\*\*\*Getting null list of customer that is causing exception CustomerList from the viewmodel. Need to work on how to do this using viewmodel to do Admin contact list.

May need to take pic and start over from scratch on how to do this to get it to function.

Incident Controller (Technician Role page)



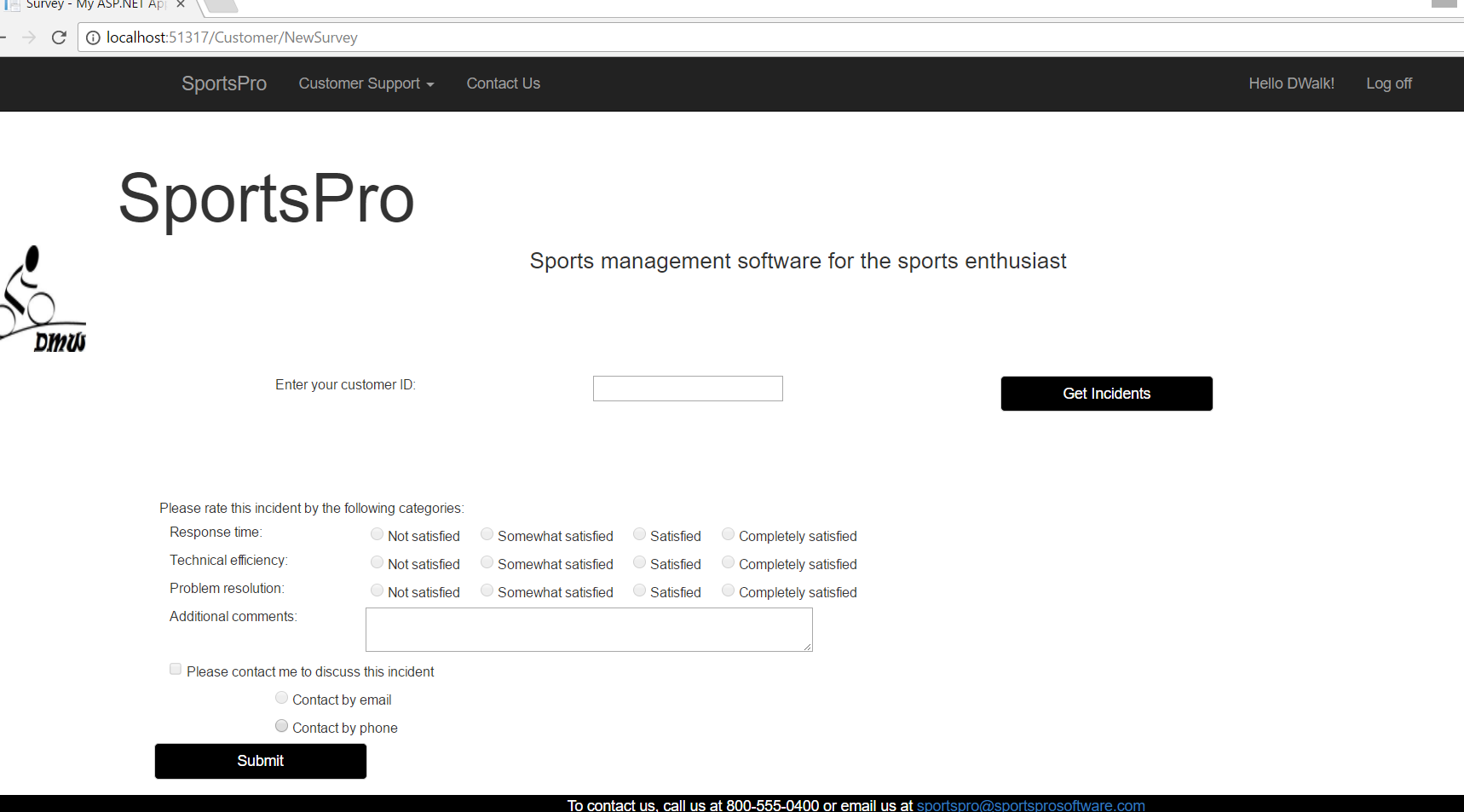
Note: As you can see, the tech is logged in to access the Customer Incident Display page.

My two issues are:

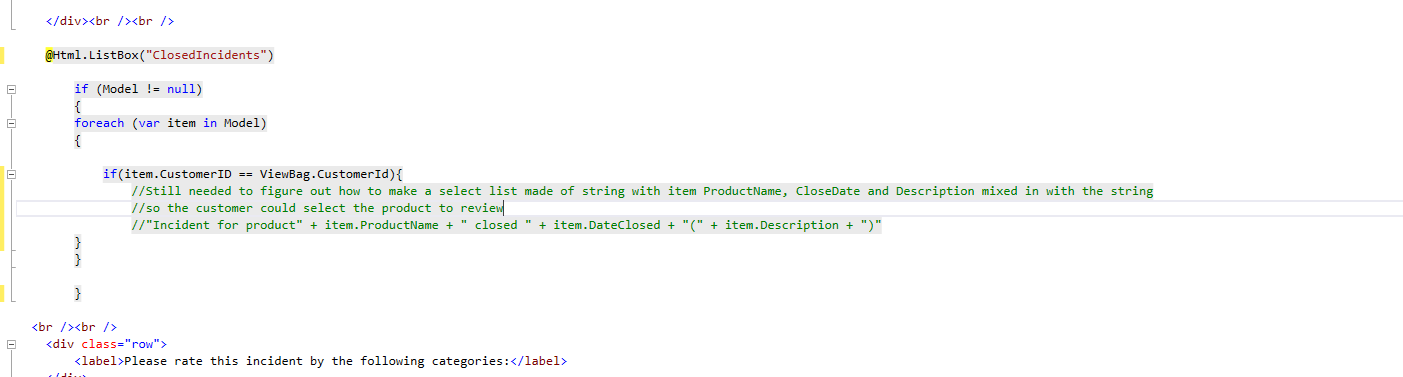
1. that the Incident is not wrapping to the next page though I have done several CSS grid classes that should have made them go to the next line. (see below) I hope it might click in at a later time and start working.
2. Also, I cannot get the Date Closed field to format the same as the Date Opened using ToShortDateString() because Date Closed is Nullable and must have a value to use that method.

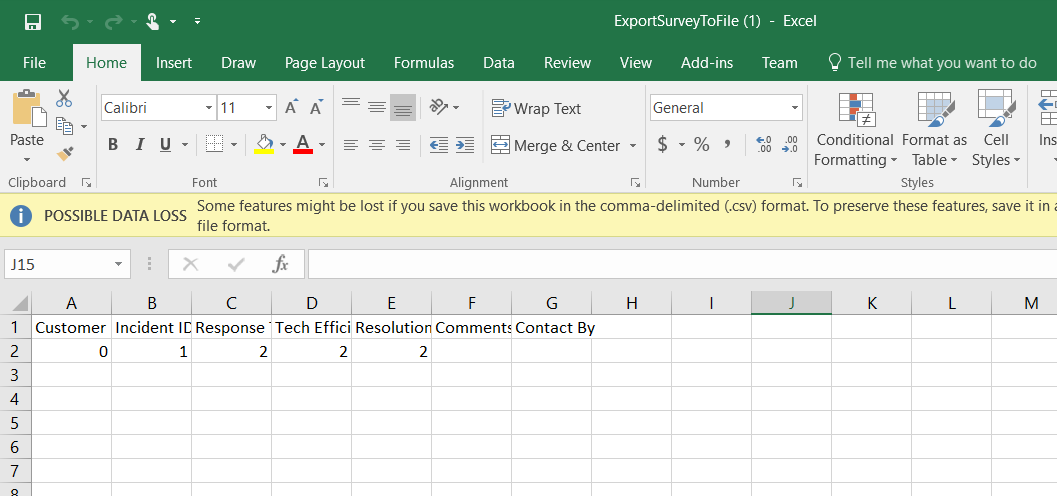


Survey Page (Customer Role)

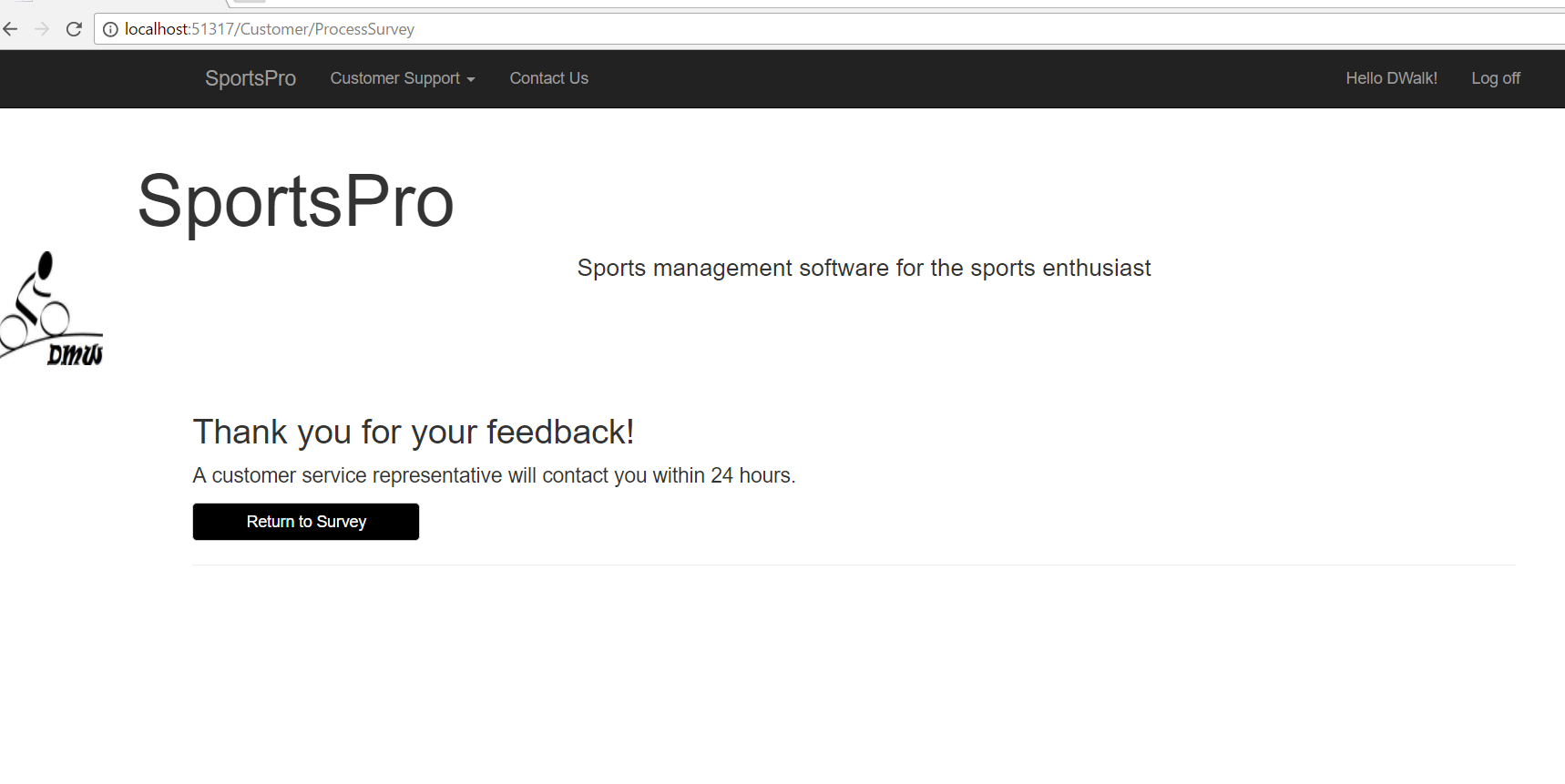


While my red no select signs will not show up in the snip above, the radio buttons and checkbox in the above screen are all initially disabled when this new survey screen renders. Also, the customer must be logged in for this page to render. I have some code done to start trying to match the entered customer number with Incidents with a date closed entered.





I have the code to have the form write to file, but was in the process of changing the figures from coming from canned data to being taken from form, but didn’t get this completed. This is an example of the write while it was still feeding from canned data.



While it is not currently operating properly, this is the final feedback page that should be displaying once the survey has been submitted. I just currently can’t get the form to write and redirect to this page.