Lab 5, Group A – Deploy to Azure + Debugging

CS295N, Web Development 1: ASP.NET

Objectives

The purpose of this lab is to help you learn to:

- Deploy a web app to the Azure cloud
- ~~Use FTP to inspect the files uploaded to the Azure App Service~~
- Monitor HTTP traffic between a web app and the browser
- Debug a web application

Part 1: Deploying your web app to Azure

- Use the Visual Studio to deploy your app to the Azure App Service
- ~~View the files you deployed using FTP~~

Part 2: Monitoring HTTP Traffic and Debugging

- Either Install Fiddler or use your browser's Web Console to monitor network traffic between your development server and the browser. Here are instructions for using the Firefox Web Console.
- Make a copy of a my web app, DebuggingPracticeGroupA. Note: this app is in my Course Materials repository. You will need to clone the whole repository to get this app. Make your own copy of the solution folder in a new location.
- Debug the app using all the debugging techniques you know:
  - Setting breakpoints in Visual Studio
  - Looking at the URL in the browser address bar
  - Monitoring HTTP traffic
  - Using "View Source" in the browser to see how your view was rendered into HTML
- Fix the app so that all the links and pages work as described on the main page of the app

Submission to Moodle

You will not post a beta version or do a code review this week

~~Beta Version~~

~~Upload the following to the Code Review Forum:~~

~~1. A document containing the URL of your app running on Azure~~

~~2. A zip file containing the debugged web app's Visual Studio solution folder.
Or, a link to a repository containing your web site solution source code. You can put the link on the same document as the URL for the app running on Azure.~~

3. ~~A code review of your lab partner's work. (You do this after your lab partner submits items 1 and 2 and you review them.)~~

Production Version

Submit the following:

1. A document containing the URL of your app running on Azure

2. A zip file containing the debugged web app's Visual Studio solution folder.
   Or, a link to a repository containing your web site solution source code. You can put the link on the same document as the URL for the app running on Azure.

3. ~~The code review of your work (the one done by your lab partner) with the second column ("Production") completed by you.~~