

Lab 5 – Deploying an App to Production Servers

CS296N, Web Development 2: ASP.NET

Objectives

Get practice:

- Preparing your app for deployment
 - Using environment variables and multiple appsettings files
 - Hiding user secrets
 - Managing the framework target build version
- Deploying to different types of servers
 - Windows Server with IIS
 - Linux with Apache
- Using different deployment methods
 - Microsoft WebDeploy
 - FTP

Instructions

Deploy to IIS on Windows Server

- Set up an account on [Smarter ASP.NET](#) or another Windows Server hosting service.
- Create a database on the hosting service.
- Prepare your app for *framework dependent* deployment.
- Publish it!

Deploy to Apache on Linux

- Use the account prepared for you on citstudent.
- Use one of the databases prepared for you on citstudent.
- Prepare your app for *framework dependent* deployment.
- Publish it.
- Rebuild your app on the server
- Run it!

Submission to Git and Moodle

Beta Version, Test Results and Code Review

1. Submit online text or a document containing the URLs of your app on each server.
2. Commit your code to a branch of your Git repository named lab5-production.
3. Send a pull request to your lab partner and to the instructor.
4. When you get pull request from your lab partner, do a review of their code.
5. On Moodle, enter the URL of your lab partner's git branch with your code review using "online text". Please do not put it in a comment.

Production Version

1. Merge your work into a branch named lab5-master.
2. Enter the URL of your master branch on Moodle using "online text". Please do not put it in a comment.
3. Enter the URLs of your web sites running online.