Deployment of Django Project “ProjectGymLocker” to IIS 7.5

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Resources:

<http://chrisberragan.com/posts/2014/03/19/installing-django-on-iis-7-5/>

<http://mrtn.me/blog/2012/06/27/running-django-under-windows-with-iis-using-fcgi/>

Prerequisites:

* Python 2.7 is installed on the machine (along with Visual C++ Compiler for Python 2.7)
* Django and MySQLdb are installed within system Python
* All relevant IIS features are enabled (including CGI)

Steps:

* Move all project files (contained within ProjectGymLocker folder) into the C:/inetpub/wwwroot directory
* Install the Web Platform Installer software (<http://www.microsoft.com/web/downloads/platform.aspx>)
* Install “WFastCGI Gateway for IIS and Python 2.7”
* Open IIS Manager (inetmgr in Windows Search) and create site:

**Name:** GymLocker

**Physical Path:** C:\inetpub\wwwroot\ProjectGymLocker

* Go into site’s “Handler Mappings” option and do “Add Module Mapping”:

**Request:** \*

**Module:** FastCgiModule

**Executable:** C:\Python27\python.exe|C:\inetpub\wwwroot\ProjectGymLocker\GymLocker\wfastcgi.py

**Name:** GymLocker Handler

* Accept the prompt that comes up asking to make an application
* Go into home’s “FastCGI Settings” and add the “Environment Variables” of the application with the executable you just specified as the arguments:

**DJANGO\_SETTINGS\_MODULE:** GymLocker.settings.production\_settings

**PYTHONPATH:** C:\inetpub\wwwroot\ProjectGymLocker\GymLocker

**WSGI\_HANDLER:** django.core.wsgi.get\_wsgi\_application()

* Create a virtual directory under the GymLocker site:

**Alias:** static

**Physical Path:** C:\inetpub\wwwroot\ProjectGymLocker\GymLocker\static\_root

* Once the site is started, connect to the website with the bindings you specified and it should bring you to the homepage

Notes:

-When changing “Development” to “Production” you must go into the scripts directory, in settings.py, and make sure all path names are pointed to the correct location.