**Installing RISE to Literacy Handwriting module tutorial**

# Specifications used

**Server**

Intel Core 2 Quad Core 2.83GHz

16GB ram

Windows Server 2012 64bit

192.168.150.114

NOTE TO CAPSTONE GROUP- The following text references the place from GitHub where the user needs to download the deployment package. This may change between now and the final deployment package. This will need to be updated when the deployment package is updated.

# Installing on Windows Server 2012 Standard

Step 1: Install IIS Server

* Open Server Manager
* Select Manage>Add Roles and Features
* Under Server Roles, select “Web Server (IIS)”
* Click Next
* Under Features, ensure “.NET Framework 3.5 Features” and “Ink and Handwriting Services” are checked, along with any other dependencies automatically
* Click “Next/Install”
* When the wizard gets to the “Role Services” Section, Find the section that says “Application Development”. Under Application Development, check everything but “CGI”

Step 2: Grab the Package from Github (can be done while the computer is installing features in above step)

* In a web browser, go to <https://github.com/chriswmc/RiseToLiteracy/>
* Click on “Download ZIP” (lower right side of page)
* Download the .zip file to desktop (make note of location)
* Open the .zip file and unzip it (make note of location)

Step 3: Restart computer

* Remove any CD from the computer’s tray and restart it.

Step 4: Configure IIS

* Open up a new program called “Internet Information Services (IIS) Manager”
* On the left side of the screen, expand the computer name (By default the name starts with “WIN-…”
* A pop-up window may come up asking if you want to get started with Microsoft Web Platform… If this comes up, you can select “no”.
* Expand “Sites” under the computer name.
* Right-click on “Default Web Site” and select “Add Application”
* Fill out the information:
  + Alias: rise
  + Application pool: DefaultAppPool
  + Physical Path: navigate to ewriter.web folder wherever you extracted the .zip file from step 2 (i.e. “C:\Users\Administrator\Downloads\RiseToLiteracy-master\RiseToLiteracy-master\Clearbutton\Canvas-Handwriting-Recognition-master (2)\ewriter.web”)
* Click OK
* Click on “Default Web Site” on the left side of the IIS Manager window.
* Click on “Basic Settings…” on the right side of the same window
* In Physical Path, navigate to the same path that you had to navigate to above to get to the ewriter.web folder (i.e. “C:\Users\Administrator\Downloads\RiseToLiteracy-master\RiseToLiteracy-master\Clearbutton\Canvas-Handwriting-Recognition-master (2)\ewriter.web”)
* On the left side of the IIS Manager window, click on Application Pools, select DefaultAppPool, click on “Advanced Settings…”, switch “Enable 32-Bit Applications” to True

Step 5: Configure files

* Using windows explorer, browse to the ewriter.web folder location where the .zip file from step 2 was extracted (i.e. “C:\Users\Administrator\Downloads\RiseToLiteracy-master\RiseToLiteracy-master\Clearbutton\Canvas-Handwriting-Recognition-master (2)\)
* Right-click on the ewriter.web folder and select “properities”
* Click on the Security tab
* Click on “Edit…”
* Click on “Add…”
* For the Object name, type in “IIS\_IUSRS”, and click on “Check Names”. This will auto-complete the name of the user that needs access.
* Click on OK
* Click on OK
* Click on OK
* Double-click on the ewriter.web folder to browse inside of it.
* Right-click on the file that says “Web.config” and select “Open with”
* Click on “Try an app on this PC”
* Select “WordPad”
* Find the line that says “assemblyIdentity name=”System.Web.Mvc” (near the end of the file). The line directly under that says ‘bindingRedirect oldVersion=”1.0.0.0-4.0.0.0 newVersion=”4.0.0.0”’. Change that line to say ‘bindingRedirect oldVersion=”1.0.0.0-4.0.0.1 newVersion=”4.0.0.1”’