**Deployment of Latest Version of FC Project**

Today, we will be deploying the latest version of the following projects to the **QIB UAT** environment:

* **FC Project** (Corporate Onboarding Project)
* **Wrapper Service Project**
* **FlexiToJsonPackage Project**

**Wrapper Service URL**

The URL for the Wrapper Service is:

http://192.168.204.150:8090/FCServices/api/flexicapture/processOCR

**Encryption of Sensitive Data**

**In the Wrapper Service Project:**

* **Connection String**
* **Username and Password**  
  These sensitive data items should be encrypted in the web.config file of the Wrapper Service project.

**In the FlexiToJsonPackage Project:**

* **Connection String**  
  The connection string in the app.config file should also be encrypted.

**Steps to Enable HTTPS and Set Up SSL Certificate in IIS**

1. **Configure HTTPS Binding in IIS:**
   * Navigate to your website in **IIS**.
   * Click on **Bindings** in the right panel.
   * Click **Add** and select **https** from the drop-down list.
   * Set the port number to **444** and select the imported certificate from the drop-down.
   * Click **OK**.
2. **Bind Certificates:**
   * Bind the certificates for **IpAddress**, **ServerName**, and **localhost**.
   * Test all three HTTPS URLs to ensure they are working correctly.
3. **Test the HTTPS Connection:**
   * After completing the setup, click on the **HTTPS URL** (on the right side of the page) to verify that the site is accessible via **HTTPS**.

**FC Project Setup Station**

**Under Project Properties:**

1. **Image Enhancement Profiles:**
   * Go to the **Image Enhancement Profiles** tab.
   * Click **New** and name it **QID**.
   * Enable the **Deskew operation** and check **Use black separators to correct skew**. Click **OK**.
   * Click **New** again, name it **PASSPORT**, and enable the **Deskew operation** with the same settings. Additionally, enable **Remove Geometrical Distortions**. Click **OK**.
2. **Batch Types:**
   * Go to the **Batch Types** section.
   * Select **QID**, click on the **Image Processing** tab, and enable the **Use Image Enhancement Profiles** option. Select **QID** from the drop-down. Click **Apply** and **OK**.
   * Select **Passport**, click on the **Image Processing** tab, and enable the **Use Image Enhancement Profiles** option. Select **PASSPORT** from the drop-down. Click **Apply** and **OK**.

**Under Batch Types > Image Processing Tab:**

1. **PDF File Processing:**
   * Under **Processing of PDF Files**, select **Use OCR only**.
2. **Recognition Settings:**
   * Navigate to the **Recognition** tab.
   * Set the mode to **Fast**.
   * Click on **Advanced**, and under **Barcode**, check the box for **Disable Barcode Extraction**.

**Recognition Time**

**Stage Name: Script Before Recognition**

using System;

FCTools.ShowMessage("Time before document recognition: " + Document.Batch.Name + " - " + System.DateTime.Now.ToString("hh:mm:sss"));

**Stage Name: Script After Recognition**

using System;

FCTools.ShowMessage("Time after document recognition: " + Document.Batch.Name + " - " + System.DateTime.Now.ToString("hh:mm:sss"));

**Stage Name: Script After JSON Creation**

using System;

FCTools.ShowMessage("Time after JSON creation: " + Document.Batch.Name + " - " + System.DateTime.Now.ToString("hh:mm:sss"));

**Wrapper Service Basic Authentication**

* **Enable Basic Authentication** in the Wrapper Service.
* **Test the Basic Authentication** to ensure proper functionality.

**Testing Scenarios**

1. **Test the following document types** with sample documents:
   * CCARD
   * CR
   * TLICEN
   * PASSPORT
   * QID
2. **Test for Unknown Document Scenarios:**
   * Test how the system handles documents that are not recognized or categorized.
3. **Test for Incorrect Document Scenarios:**
   * Test how the system handles documents that do not match the expected format or contain errors.