

Web Services for Tax Certificates Research and Management



CASE STUDY

PROBLEM

- ✦ To convert their existing MS-Access based tax certificate management to multi-level web application.
- ✦ Manual import of tax certificate from counties in different format like txt, xls.
- ✦ Create a portfolio and define the criteria's for research the certificate.
- ✦ Create and maintain the wish-list of certificate to bid on.
- ✦ Provide options to research the tax-certificates and suggest the user based on the ranking algorithm.
- ✦ Provide access to the web service via Proxy and pre-defined locations/clients

SOLUTIONS

Our team has provided web service application using REST architecture style. The web services can be communicated via XML and JSON. The web service application performs the following

- ✦ Security is implemented by IP Based access restrictions and role base authorization.
- ✦ Service supports for tax-certificates research and management of certificates.
- ✦ Import/Export of certificates related documents for different counties and different file formats.
- ✦ Automatic the certificate claim to investor, based on the winning certificate import.
- ✦ Provided different types of reports for corporate and administrators. These reports can be accessed by set of users.

TECHNOLOGY

Tools : Visual Studio 2008, Visual Studio Team Foundation Server, Microsoft Visio 2007, Microsoft Office 2007

Technologies : WCF with C#, AJAX, SQL Server 2008, SSRS 2008

Components : Enterprise Application blocks, SSRS PHP SDK, MS-OpenXML SDK

Domain : Tax-certificates



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