


CASE STUDY



 IND: +91-79-4050 2232
UK: +44-20 3372 4627
US: +1-315 825 4468



 info@200oksolutions.com
 www.200oksolutions.com

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SharePoint 2010 / JQuery Project Development Case Study

Business Engagement Model

Onsite (at Cape Town, South Africa) Dedicated Resource Model

Client Profile

Client is life insurance Company based out at Canada and provides life insurance to families and business owners. Client was looking forward to making a solution for

- Meeting dynamic generation for insurance contract or document with different template
- Training of employees
- Dynamic application to generate and manage word document template creation and configuration
- Creation of contract template with specific business rules and merges it with dynamic data

Business Need

- Client was looking to integrate their existing system with SharePoint and QorusDocGen
- The application required to understand QorusDocGen and SharePoint in details to generate document through QorusDocGen and maintain it with SharePoint
- Client wanted to enhance Contract generation application which takes too long time to generate document or contract.
- Client also wanted us to meet SLA and provide support within specified period of time.

Challenges

- The Project uses existing application which is in Java. To integrate application with Microsoft Technology and maintain it required lot of efforts and understanding of existing application, generation of XML which is used in new application as Input and of course understanding of business requirement to implement workflow and business logic
- It was also difficult to generate an XML file from existing Java application with all scenarios which matches correct output from Java application and is used in new Microsoft application as input
- The Project uses QorusDocGen and SharePoint, to integrate QorusDocGen and SharePoint and to maintain it required lot of efforts and understanding of QorusDocGen
- Change in QorusDocGen Product to meet client's specific requirement of multiple language template support
- It was not possible to debug production environment, hence to fix issues just looking at Production log was difficult

Solutions Features

- We provided solution architecture which integrates Client's existing Java Application, SharePoint and QorusDocGen which is used to generate and manage contract
- We understood their system in very quick time to rectify issues with Live site and existing flow
- We also provided standalone application on request of Client from which he can configure and access Template and Contract Generation application with User privilege.

Benefits

- With our efforts and business understanding clients Contract or Document generation is more faster and manageable and also takes 80% of less time than previous application
- Client can create and manage contract and document with SharePoint and also use workflow for their business needs.
- The Application is Live and now helping Client to achieve their desired functionality in quick time and End users are very satisfied with performance of the system
- The Application is highly interactive web applications built with JQuery rich UI which supports different devices

Technology

- Microsoft SharePoint Server 2010 Enterprise SP1
- Microsoft Visual Studio 2010
- Microsoft SQL Server 2008 R2
- Microsoft Windows Server 2008 R2
- Microsoft SQL Server Reporting Service
- QorusDocGeneration
- JQuery
- .Net

The screenshot shows a web browser window with the URL `http://192.168.215.3:2233/ArrangeTemplate.aspx?Mode=Update&id=15`. The page title is "Manage Communication Material". The breadcrumb navigation is "Home > Communication Material > Manage Communication Material".

Form fields include:

- Communication Material Name:
- Data Source:
- Number Of Outputs: Single, Multiple

The "Templates" section contains a list of templates:

- Master Template
 - Dental
 - Health
- STD
- Orthopedic
- Paramedic
 - QDT
- GWL

At the bottom of the templates section are four buttons: "Add New Template", "Select Template", "Edit Template", and "Remove Template".

On the right side, there is a "Usage Guide" box containing the text: "Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit. Cras mattis consectetur purus sit amet fermentum. Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacinia odio sem nec elit. Cras mattis consectetur purus sit amet fermentum, Duis mollis, est non commodo luctus,"

