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Simplified Management of Employee Details by Efficient SharePoint Based Desktop Application

BUSINESS SCENARIO:

From designing innovative finance strategies to managing those efficiently to drive profitable exit investments, there is a large force to deal with such complex and crucial matters. Our client has served more than 300 technology companies to create values with offering their expertise such as strategic planning, management development, and corporate governance. To expand their reach and fit any number of employees as well as provide easier internal communication between managers and their subordinates, they required a scalable technology solution.

Due to being a large organization, our client's biggest challenge was to handle data of all the employees so they required a SharePoint based management solution. Despite acquiring SharePoint license, they were facing glitches while setting up installation for which they were desperately seeking for a technology partner to provide the best solution. They needed desktop applications that can be linked to the SharePoint portal. Further enhancing the harmonious environment amongst all the employees, an easy-to-maintain the employees' details became a necessity for the client.

After an extensive research, they came across Cygnets' SharePoint based efficient technological solutions. Hence, they reached out to Cygnets for a SharePoint solution that reduces manual efforts and handles the employee details efficiently.

They required a portal that had following functionalities:

- Secure, Centralized and Scalable Environment
- Improved Employees' User Experience
- Immediate updates of all employees' activities
- Functional on SharePoint Portal and Desktop
- Engaging, Feature Rich, Simplified and Interactive UI
- Easy Interaction Between Top Management and Sub-ordinates

PROJECT DETAILS

- **Customer:** Large Organization
- **Country:** USA
- **Domain:** Finance
- **Solution:**
 - **Technology:** SharePoint Server 2013
 - **Programming Language:** C#, jQuery, JavaScript
 - **Development Framework:** .NET Framework 4.0
 - **Application Design Structure:** N-Tier Framework, SharePoint Design Patterns
 - **Database:** SQL Server 2012
 - **Browser Compatibility:** IE, Edge, Firefox, Chrome
 - **Development Environment:** Visual Studio 2013, SQL Server Management Studio, SharePoint Designer 2013

CYGNET'S SOLUTION:

Cygnnet offered applications that can help with leave management, employee details and streamline internal communication. The applications were linked to SharePoint portal to increase efficiency while keeping records. The enhanced functionalities of the applications included automated installation process for user account signups, hassle-free development of developer instance and production instance, Real-time e-Calendar was provided through the portal.

Main highlights of the solution were:

- **Automated Installation Process:** Cygnnet helped automate their installation process of account creation through SharePoint, where a dedicated person was not required to perform the tasks. PowerShell scripts were used to automate the installation and configuration process.
- **SSRS deployment solution:** Financial sector requires many reports to be handled. Therefore, a custom windows-based application was

CLIENT'S PROFILE:

Our client has a proven expertise in innovative finance strategies and strategic planning, corporate governance, management development and positioning for liquidity. They make venture capital investments in the areas of environmental and energy technologies, health and life sciences, information and communication technology to create and drive profitable exit investments.

prepared where the users could upload the reports and choose an appropriate time for the reports to get deployed.

- **PTO (Paid Time Off):** It has a form, which needs to be filled by the employees. The user details are being fetched from SharePoint database. The fields of the form are date, purpose of the leave (Business Leave, casual Leave, half-day leave, sick leave), and description.
- **ASP.Net Services:** Cygnet imparted ASP.Net training to the employees to help them with migrating their applications and structure their code (code refinement) from the legacy systems. Cygnet Team helped them with hosting their web application. These applications worked separately as well as could be linked to the SharePoint portal.
- **Real-time e-Calendar:** It helps in great deal with leave management of all the employees. Users can raise a leave request to their reporting manager in real time. The reporting manager gets the notification regarding the leave request and can approve or reject, which is also reflected in the calendar. Calendar could be viewed or flagged as public or private.

BENEFITS TO THE CLIENT:

- Real-Time e-Calendar for efficient leave management
- Easy to operate 'Paid Time Off' feature to manage business, casual, sick leaves
- Simplified, engaging and feature rich UI
- Accurate evaluation of employees' progress through Reporting
- Predictive Analytics on employees' data
- Secure and scalable applications to fit any number of employees
- Enhanced interaction between bosses and their subordinates through online chatting
- 24/7 accessibility of your employees' data



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