

.NET Workflow Solution Automates and Enhances Application Process for Government Agency

Challenge

This government agency offers a program under which it will pay down the student loans of scientists and doctors in exchange for a commitment to work at the institute for a specified period. Faced with another year of processing paper generated by this increasingly popular program, our client decided that automation would be essential to continue the timely processing of the applications. Given that the filing period was scheduled to begin six weeks from the project's inception, time was of the essence.

Technically Speaking

Based on our knowledge of .NET and what we knew it could do in a short period of time, the decision was made to move ahead with the platform despite its beta status. This decision turned out to be a good move as the team was able to use the Visual Studio.NET environment to quickly build out the site. Certain key features in the .NET framework allowed our team to rapidly implement an application infrastructure. The .NET tools we used included database schema, data validators and grid controls.

The project was delivered in time thanks to the RAD Visual Studio environment and the Microsoft .NET framework. RDA built approximately 20 ASP.NET Web pages that depend on a Web service for its business logic. These pages capture user information and store it in a SQL Server 2000 database. The application makes use of strongly typed Data Sets for rapid application development and strong data typing. The web pages also incorporate such features as DataGrids and user-designed web controls.

Solution

The agency now has a Web-based application that applicants can use to apply for research positions and grants under the loan repayment program.

Result

Using .NET, RDA provided a fast and secure web solution for those seeking to make applications for positions or grants.

