

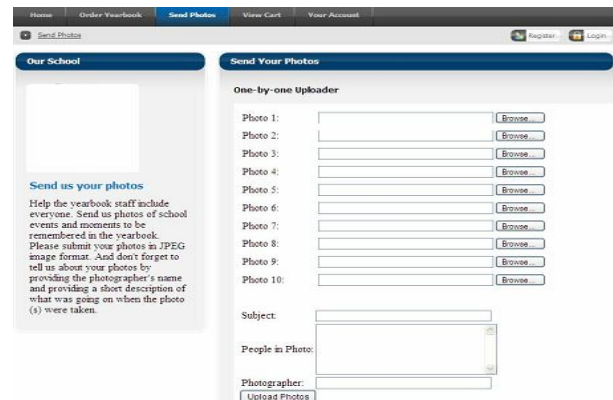


Online Photo Uploading Module

A DNN module upgraded from DNN1.X to DNN 4.9

Executive Summary

This project aims at developing an online photo uploading module. The client had always thought of building a module which would provide user to upload their school days photo with description related to the photo and the photographer. In addition, he wanted another module for multiple photo upload and an option to transfer them to the site administrator to be published on specific pages. Due to the usage of older version of DNN and ASP.NET in their existing system, their dream could not be achieved.



In order to make his dream a reality the client approached Mindfire Solutions to come up with solution for its requirement that will help its end users. Constant research on the existing application by Mindfire's technical team resulted with an outcome which was something that the client accepted without any hesitation.

About our Client

Client Software Product & Services | **Location** Virginia, USA | **Industry** Education

Business Situation

When the client approached Mindfire Solutions, he was pretty clear about his development requirements and existing issues. They wanted to develop a module which would facilitate them to upload school days photographs along with the description of it and the photographer. Due to older versions of DNN and ASP.NET, they were not able to meet their objective. Also they looked forward for another module which will provide user's with the ability to upload multiple photos along with description, and send them to the administrator who will then publish the photos on specific page in the website. To understand their business logic they had shared their existing application and SRS document with us.

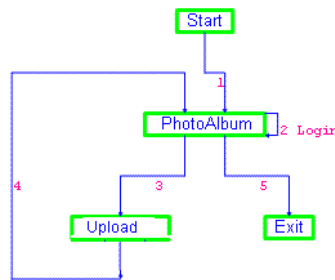


Mindfire Solutions went through a phase of thorough research of the client's existing scenario and provided them with a perfect and feasible solution.

Solution Details

The Mindfire Solution

Mindfire took up the project and started it by migrating ASP.NET 2003 codes to ASP.NET 2005. All the issues faced, after migration, were handled and then building the module with DNN 4.9v started. This was the latest version at that time. We have implemented the business logic in a very simple manner for ease of use by any user.



Keeping the demands of the client in mind, development started for the photo uploading module in DNN 4.9v. This included development and implementation of two different sections.

- One-by-one Uploader
- Power Uploader

Achievements

One-by-one Uploader

Photo 1:	<input type="text"/>	<input type="button" value="Browse..."/>
Photo 2:	<input type="text"/>	<input type="button" value="Browse..."/>
Photo 3:	<input type="text"/>	<input type="button" value="Browse..."/>
Photo 4:	<input type="text"/>	<input type="button" value="Browse..."/>
Photo 5:	<input type="text"/>	<input type="button" value="Browse..."/>
Photo 6:	<input type="text"/>	<input type="button" value="Browse..."/>
Photo 7:	<input type="text"/>	<input type="button" value="Browse..."/>
Photo 8:	<input type="text"/>	<input type="button" value="Browse..."/>
Photo 9:	<input type="text"/>	<input type="button" value="Browse..."/>
Photo 10:	<input type="text"/>	<input type="button" value="Browse..."/>

Subject:

People in Photo:

Photographer:

Power Uploader

Subject:

People in Photo:

Photographer:



Mindfire developed two different modules for the client:

- One-by-one Uploader –This allows user to upload multiple photos at a time.
- Power Uploader – User can send the photos to the site administrator.

Apart from the above mentioned development work, we also implemented various configuration settings that involved:

- setting up a site with DNN 4.9
- inclusion of third party software which helps user to upload different format of photo.
- making some necessary change in web config file
- testing the module package in different browser

It was a new learning phase for us to start with a new technology having less number of manpower. But thorough analysis of the client's business logic helped us complete the project within the deadline.

Technologies:

.NET Framework 2.0, DotNetNuke 4.9, SQL Server 2005 (Express Edition)



Final Results

Software System

The screenshot shows a web interface titled "Send Your Photos" with a sub-header "One-by-one Uploader". It features a vertical list of ten photo slots, each labeled "Photo 1:" through "Photo 10:" followed by a "Browse..." button. Below the list are three text input fields labeled "Subject:", "People in Photo:", and "Photographer:". At the bottom left, there is a "Upload Photos" button.

The screenshot shows a web interface titled "Send Your Photos" with a sub-header "Power Uploader". It features a large text area with a blue icon and the text "Click here to install the following ActiveX control: XUpload Upload Control from Penta Software, Inc...". Below this are three buttons: "Select Photos", "Remove Photos", and "Remove All Photos". At the bottom, there are three text input fields labeled "Subject:", "People in Photo:", and "Photographer:". At the bottom left, there is an "Upload Photos" button.

Customer Benefits

As a result of the release of this module, the client's site got maximum number of user with excellent response. The client also had better feasibility in uploading their photographs.

Future relationship

This module development has generated a strong relationship between us. The client is continuing with various other projects and has also increased the number of developers working.

