



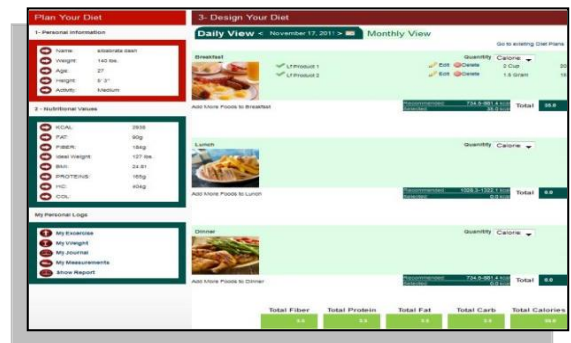
Online Fitness Management System

A DotNetNuke Solution

Executive Summary

The client is a giant in healthcare industry in USA since '80s. He is a pioneer service provider of online fitness management. The main focus of our client was to maintain a healthy food benchmark in a short period of time for his customer. To meet this vision, they wanted to develop a CMS system to manage the content and other frequently changed stuff easily in his website.

Initially, client has managed his business with a system which was a bit wretched to get track of his user activities and their diet plan so he planned to migrate his application to a DotNetNuke (a best CMS product). In addition to that he wants to develop few more functionality and module for his existing application.



About our Client

Client Online Fitness Provider | **Location** USA | **Industry** Food and Healthcare

Business Situation

Our client aimed at migrating his existing on-line diet management system to a DotNetNuke CMS. On top of it he wanted to develop few modules with new features to support various other functions. Below are some of the client's existing functionalities:

- **Registration:** User can register to become a member.
- **Check Nutritional Analysis:** Users can fill their personal information to check their nutritional values.
- **Meal Plan:** User can add foods taken in their meal.
- **Diet Plan:** User can plan their future diet and save them.
- **Personal Log entry and view report:** User can log their height, weight, other measurements on a daily basis and also view report.

He also desired to add other functionalities like use of multiple languages and integrating diet plan with Smith Shopping Cart (a Third party module). Integrating a third party module was not tough for our DNN experts but to do custom coding with the source code was a challenging job. He also wanted that on clicking Buy button from



Diet Plan, it will automatically add selected food items to the shopping cart for purchase. Our Offshore team took this challenge as an opportunity and executed custom coding to meet client's needs.

Solution Details

The Mindfire Solution

Although our DotNetNuke team of experts had developed many modules in the past and has executed many 3rd party module customizations, the challenge was to enhance Smith cart shopping module. Apart from the customization our DNN experts worked on various other modules.

Following are the modules our DNN experts developed to meet the client's requirements.

- 1. Online Generator Module** – This module allows registered user's to login and plan their diet. Anonymous users can navigate to Personal Information page to check their nutritional analysis.
- 2. Registration Module** – It will allow users to get registered into the diet website.
- 3. Personal Information Module** – User can provide information asked for and view their Nutrition analysis in Diet Plan Module. This module has been developed to record required information in order to calculate Nutritional values.
- 4. Diet Plan Module** – This one is a major module that includes functionality like checking nutritional analysis, meal plan, diet plan, and personal Log entry and view report. Using this module:
 - User can log their weight, journal, exercise and measurements on a daily basis and view report on weekly basis.
 - User can plan their diet for breakfast, lunch and dinner. And accordingly the selection system will reflect the amount of calorie they would consume and suggest the amount they should take.
 - Monthly View.
 - Can save diet plan.
 - Can print diet plan.
 - Selected food can be linked from our module to Smith Cart shopping module for purchase on a simple click.

Achievements

We have been working with DotNetNuke since last few years and executed many projects by developing new modules, migrating DNN application from old version to latest version to meet client's needs, but the real achievement here was the custom coding on a third party application and performance of the application in itself. Our client was very happy with the DNN migration which met his expectations and quoted that "It has been a long time, taking us a year and half, but it went much faster with DotNetNuke than if we had attempted it with our old system".



Technologies

DotNetNuke 6.0.2, ASP.Net 4.0, Ajax, JQuery, Webservice, Json

Final Results Software System

The image displays three screenshots of a web application. The top-left screenshot is a registration form titled "Please provide us with your information so that we can create an accurate analysis:". It includes fields for Email, First Name, Last Name, Age (17), Weight (lbs.), Height (ft / inch), Gender (Male/Female), and Activity. Below these fields are radio buttons for meal frequency: 3, 4, 5, and 6. The top-right screenshot is titled "LFREGISTRATION" and "Enter Contact Info". It includes fields for First Name, Last Name, Address, Apt. Suite No., City, State, Zip Code, Country (US), Phone, Email, and Verbi Email. The bottom screenshot is titled "ONLINEGENERATOR" and "To start planning your diet, please login.". It features a login form with Username and Password fields and a "Login" button. Below the login form is a link for "New User? Click 'Free Online Diet Generator' below to start Step 1." and a logo for "Free Online Diet Generator" featuring a stylized human figure.

Customer Benefits

Client was happy to receive a system that was much faster and efficient in terms of performance. New modules developed worked with ease and the migration of the system to DNN helped the client with proper functioning of the system.

Future relationship

The client had a good experience with Mindfire Solutions. He decided to go on with Mindfire Solutions for his future projects besides handing over future enhancements of this application.

