

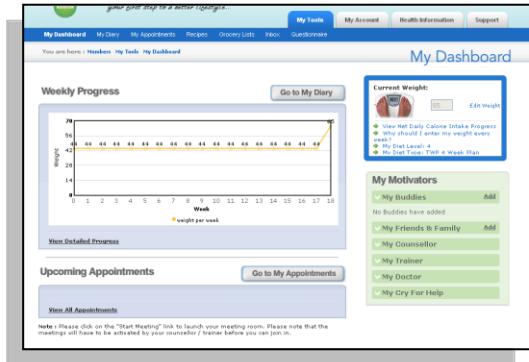


# Online Weight Management System

## A DNN Solution

### Executive Summary

Online weight management system assists its customer to lose obesity and help them stay fit. The system can well track daily activities of subscribed users like: their diet plans, exercise frequency, online health training history, appointments etc. This system is defined with an automated SMS gateway, so that the one month trial user receives an e-mail in regular interval of time to encourage them to convert as paid subscription member. PayPal system helps trial users to convert into a subscribed user. The SMS system also sends out automated notice and alert to all level of users in the system if they miss any training session, appointment slot or diet plan entry.



Mindfire was approached to develop different modules that would serve users and meet client's objective of developing such a system. The modules developed were: Appointment module, Doctor and health history module, Recipe module, SMS and Email for different role based member for this CMS. Also, a number of 3rd party DNN modules have been integrated which includes Dataspring's Dynamic Form module, Ultra Video Module, SunBlog, WhosOn Live etc to bring greater functionality and feasibility to this DotNetNuke health care system.

### About our Client

**Client** Fitness Provider | **Location** Australia | **Industry** Health Care

### Business Situation

Our client was aiming to create an online health management system, which can integrate Cognitive Behavior Therapy, Nutrition and Activity all delivered online. Webcam counseling sessions and webcam online Activity Sessions was also needed. To merge all the requirement and needs in a one place was a bit tedious job. The client had invested a lot by purchasing 3<sup>rd</sup> party module and wanted us to find out a way to use it in his system for better result. It was a very tough situation for the client because he could not enter into the market having spent so much of money.

With these many number of objectives and critical business logic implementation in mind, the client approached Mindfire Solutions DotnetNuke team to find and propose a feasible solution. Mindfire's DNN experts took no time to start discussing about the specifications sent by the client and finally proposed a way to get a robust application in place.



## Solution Details

### The Mindfire Solution

Mindfire's DNN team took the initiative of studying the workflow of the system like, how Webcam counseling sessions and webcam online activity sessions can be merged together so that every little activity of the system can be viewed online. Our DotNetNuke team read the client requirement specification very thoroughly and started development.

Another task was to integrate and use 3rd party DNN modules. We integrated many third party modules like Dataspring's Dynamic Form module, Ultra Video Module, SunBlog, WhosOn Live etc. We also tested it to ensure that all of them worked fine with the system. Below is the list of modules developed along with their functionality:

#### Doctors Module:

- Can View member/patient health history.
- Can upload patient/member test reports.
- Can add notes.

#### Appointment Module:

- Appointments can be booked by members (platinum/ silver/ gold).
- Can set/view Counselor and Trainer availability.

#### Recipe Module:

- Admin can manage recipe and recipe Category.
- Admin can manage Grocery and Grocery Category.
- Member can view all types of recipes created by admin/dietitians.

Apart from all the module development work, our DNN team also served the client with database optimization. Our team also guided them through the system to make them feel comfortable with its working.

## Achievements

Our DotNetNuke team stomped all tasks successfully in spite of the variety of tasks given. In the current stage client is very happy with our service and willing to migrate his application to DotNetNuke 6.0.

## Technologies

ASP.NET, SQL Server 2008, AJAX with DotNetNuke 4.8.3



## Final Results Software System

The image displays four screenshots of the Final Results Software System:

- My Questionnaires:** A list of questionnaires categorized by content (e.g., Personality Assessment, Healthy Eating & Drinking, Weight Loss). It includes columns for Questionnaire Name, Content, and Category, with options to Add, View, or Delete.
- My Appointments:** A calendar view for September 2011 showing counsellor appointments. The calendar allows users to switch between month, week, and day views.
- Diary Overview:** A dashboard showing weekly progress for Meal Intake, Energy Output, and Non-Adherence. It also features a Net Daily Calorie Intake Chart and My Statistics section.
- Health Recipes:** A section for managing recipes. It includes a Recipe Finder search bar, a Popular Picks grid, and a Browse Recipes section with categories like Japanese, Italian, French, German, Australian, and Indian.

## Customer Benefits

The client finally received what he was searching for and is now ready to enter into the Australian healthcare market to sell the product and get stockholders for further enhancement of the application.

## 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.

