Develop Business Websites in Budget and Quickly - Example Reference Manual

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1. Introduction

1.1. Overview

This is an example Reference Manual / Handover document for a business / company website. This website reference manual would enable you to take over (at any point) the building and maintaining your own business company website if you so wished (or one of your staff members).

This type of document will be produced (by default) should you require your own business website developing. For more DNN or business website information or if you would like a quote for building a website, contact: Mark Whitfield at : nonstopmark@gmail.com

This *working* document is a reference guide for the Develop Business Websites (DBW) in Budget and Quickly. It contains administration passwords for both the DBW website and the website host ISP.

It also contains information relating to the Google account for looking at website hit analytics and registering the DBW website sitemap as part of increasing website prominence. Other related information is also included where appropriate to support the configuration and management of the DBW website.

A list of currently identified DBW website requirements is provided at the front of the document in Section 2.

Section 3 contains a list of project tasks, estimates and costs as well as a breakdown of my efforts (in hours) by date.

DotNetNuke is one of the most popular website Content Management Systems (650,000 users approx.) and is backed by Microsoft (goto http://www.dotnetnuke.com for website examples and also www.insidertech.co.uk).

It makes use of Active Server Pages (ASP.NET) and Microsoft SQL 2005. As a database driven technology, it essentially gives the website administrator the ability to update the website from any PC (with an internet browser), anywhere in the world. Add text to a page or a page(s) to the website without needing to FTP files from a specific PC (usually the home or work PC). Of course, access is secured to registered, authorised users.

This type of technology enables users to register and gain access to pages and content within their role jurisdiction. It also makes the securing of both pages and digital media much simpler. This because the DotNetNuke framework is not just a collection of tagged HTML pages served to visitors at a click, it is a Visual Basic application where HTML content is dynamically built from rows in an SQL database and served-up based on who the user is. A web page is represented by a row (or rows) in a database not a basic HTML file, e.g. DBW_ABOUT_US.HTML, DBW_CONTACT_US.HTML.

Using DotNetNuke as a Website Content Management System is outside the scope of this document. An often recommended DotNetNuke book for beginners is the 'Dummies' guide which I have used myself in the past (available from Amazon). Most updates to textual content or the addition of pages however, is reasonably straightforward with a little up-front training.

2. About the DBW Website (DNN version 5.1.1)

2.1. Overview of Requirements (Phase 1)

Here is a bullet point list of the current DBW Website requirements identified as of 06/08/2009. This list may not be definitive at the time of updating this document:

- A UK based and themed 'DBW' website along similar (but not identical) lines to the http://www.developbusinesswebsites.com website with a UK focus
- Secured and PayPal access to 50 training PDFs (approx) (also added PDF ZIP file password for extra security)
- Each PDF document carries a separate charge (likely to be the same amount) and can only be downloaded once paid for
- *A website that conforms to the current approach to paper user registration prior to access (**Note**: an electronic website form fill will be used which will contain the typical fields (address etc.) seen in the paper form. This will be submitted online by the user and sent by email to the appropriate email address for vetting prior to user approval and DBW access code generation. This will mean that the current 6-8 week approval time is reduced).
- A blog should be provided for the latest articles and thoughts etc. by the DBW organisation (messages from Author).
- An administrator / supervisor and user tiered approach should be adhered to where a supervisor can overlook a number of users. An administrator has total access to change content etc. Admin can disable Supervisors, Supervisors can disable users (I need to spend some time looking at this tiered access more closely but certainly, user access and limiting control per user is catered for out-of-the-box).
- Look at generating an automatic dispatch of information while the user waits to be approved (more detailed brochure etc.)
- Website needs to run on a Apple MAC (DotNetNuke works with IE, Google Chrome, Firefox and a number of other primary browsers)
- Access to purchasing PDFs is only granted once the user has been approved by Administrator
- Keep a history of user PDF downloads for reports
- Add appropriate DBW text for typical website page content, e.g. Homepage, About Us
- All content searchable (out-of-the-box)
- Provide user login capability (out-of-the-box with automatic moderator/supervisor email of a user registration and authorisation by moderator/supervisor before access granted, the USERNAME is unique at registration).
- **MW** (about the existing website - *www.developbusinesswebsites.com*): Over time, there will be the equivalent of this but just for the UK Jurisdiction. The international site will remain in action for the foreseeable future. Some of the links will be duplicated by common sense. The world will buy its lessons from our new site, but it needs a UK Specific focus in its text.

With a view to getting a DBW website up and running, the Phase 1 project should concentrate on necessary requirements only to provide visitors and users a robust and informative website with the ability to download purchased PDF's once access has been authorised by a website moderator. The latest version of DotNetNuke (5.1.1) is being used.

2.2. Out-of-the-box additional features

Other functions that could be added once the main website content is finalised, out-of-the-box (not definitive):

- **User forums** (a thread per course plus additional user-friendly threads, e.g. introduce yourself, chat corner, news, books, events, main and foundation courses for enroled users etc.)
- **Contact form** (data entry fields) – maybe included in Phase 1 rather than just displaying emails on a page (as of 30/06/2009, the contact form will be added)
- **A News Blog for Supervisors** / Moderators / approved users to post latest news, thoughts etc. for up-to-the-minute DBW article entries (including RSS). Note: although a Blog module is available out-of-the-box, a more comprehensive Blog plug-in module is available for $149 (as of 30/06/2009, the blog will be added)
- **News feeds** via RSS (Really Simple Syndication) for DBW news and the latest books etc.
- **Live Chat** for enroled users only, so they can talk to each other through the website (this can also be achieved using the forum of course in non real-time). Not currently implemented as of 19/07/2009.

2.3. Possible Phase 2 features and beyond

Possible functions for a Phase 2 and beyond (not definitive):

- **Newsletter**
- **Instant user registration** with payment (with all appropriate details given) with PayPal payment to cut down on the time to website access and approval granted : http://www.datasprings.com/Products/DNNModules/DynamicRegistration/tabid/449/language/en-US/Default.aspx - $140
- **Individual user diary entry** for reviewing progress (this maybe catered for by the forums in the short term – see Section 2.2). Enterprise Forms (version 5.0) could be used for this. http://www.snowcovered.com/Snowcovered2/DotNetNuke/Modules/Enterprise-Forms-50/id/13213
- Add deeper reporting module ($50+) though some of this will be catered for by DotNetNuke site logging

2.4. DotNetNuke DBW Website Account Logon Details

Host Username: host

Host Password: #@#@#@#@#@#@##

Host Email: dbw@gmail.com

Admin Username: admin

Admin Password: #@#@#@#@#@#@##

Admin Email: dbw@gmail.com

SQL Database Name: dbwbq

SQL Database User: dbwbq

SQL Database Password: #@#@#@#@

SQL Connection String: sharedsql.hosting.zen.co.uk

Useful web.config settings :

```
<connectionStrings>
  <add name="SiteSqlServer"
connectionString="server=sharedsql.hosting.zen.co.uk;database=dbwbq;uid=dbwbq;pwd=#@#@#@#@;"

providerName="System.Data.SqlClient" />
  </connectionStrings>
  <appSettings>
  <add key="SiteSqlServer"
value="server=sharedsql.hosting.zen.co.uk;database=dbwbq;uid=dbwbq;pwd=#@#@#@#@;" />
  <machineKey validationKey="8464769B303379C9B389D4D4E49C99119048EE"

decryptionKey="4768BFF357AD440B879E900F68EEA49594A7F33B7940E5B0" decryption="3DES"
validation="SHA1" />
  <httpRuntime useFullyQualifiedRedirectUrl="true" executionTimeout="36000" maxRequestLength="1550000"

requestLengthDiskThreshold="8192" />
```

2.5. DBW Website pages currently identified

A list of the currently identified web pages (this list can be added to):

- Homepage
- Authors Blog
- Splash page(?)
- Forums(?)
- Contact Page
- About Us
- Location(?)
- Testimonials(?)
- PDF Downloads page with PayPal secured access using CATALook
- Some pages (text) taken from the existing www.developbusinesswebsites.com website
- News and Events
- Live Chat

2.6. Current DNN Host Performance Settings

Advised performance settings for the DBW DNN website are currently set at :

1. Page state persistence	=	Page (avoid disk)
2. Module Caching Method	=	Memory
3. Performance Setting	=	Heavy Caching (avoid none)
4. Authenticated Cacheability	=	ServerAndNoCache
5. Compression Setting	=	GZip Compression
6. Use Whitespace Filter	=	Not Checked (done by compression)

2.7. DNN Modules and Skins Used Outside of DotNetNuke Core

DotNetNuke plug-in modules can be purchased from http://www.snowcovered.com e.g. secured, PayPal PDF download module – CATALOOK, http://www.catalook.net. This software offers a comprehensive shopping cart and digital media download. It also includes the ability to pay by any number of methods (which can be used at a later date) as well as by PayPal.

http://www.snowcovered.com/Snowcovered2/Default.aspx?tabid=295&categoryid=23

The modules below have been purchased by the company to compliment or enhance the standard functionality of DotNetNuke for DBW.

- **DNNMasters Site Map** / Google Site Map 3.02.40 (for Sitemap generation)
- **Custom Forms Pro** 1.5.2 by Taknology (used for the Contact Us web page and Enroll)
- **CataLooK eCommerce** 5.8.1 by DNNSoft
- **Feed Read Lite** 1.07.01 RSS and ATOM – News (DNN4) by Taknology
- **Live Content** :: Web 2.0 by ManDeeps (for zoomed Movie viewing) ver 1.08. Upgrading this module requires an extra step involving typing an URL name in the browser with a module ID. This step is provided in the upgrade/module documentation for Live Content.
- **Flex2 with EasyMod module** – By DrNuke allows easy changing of menus and colours, banners and backgrounds etc.

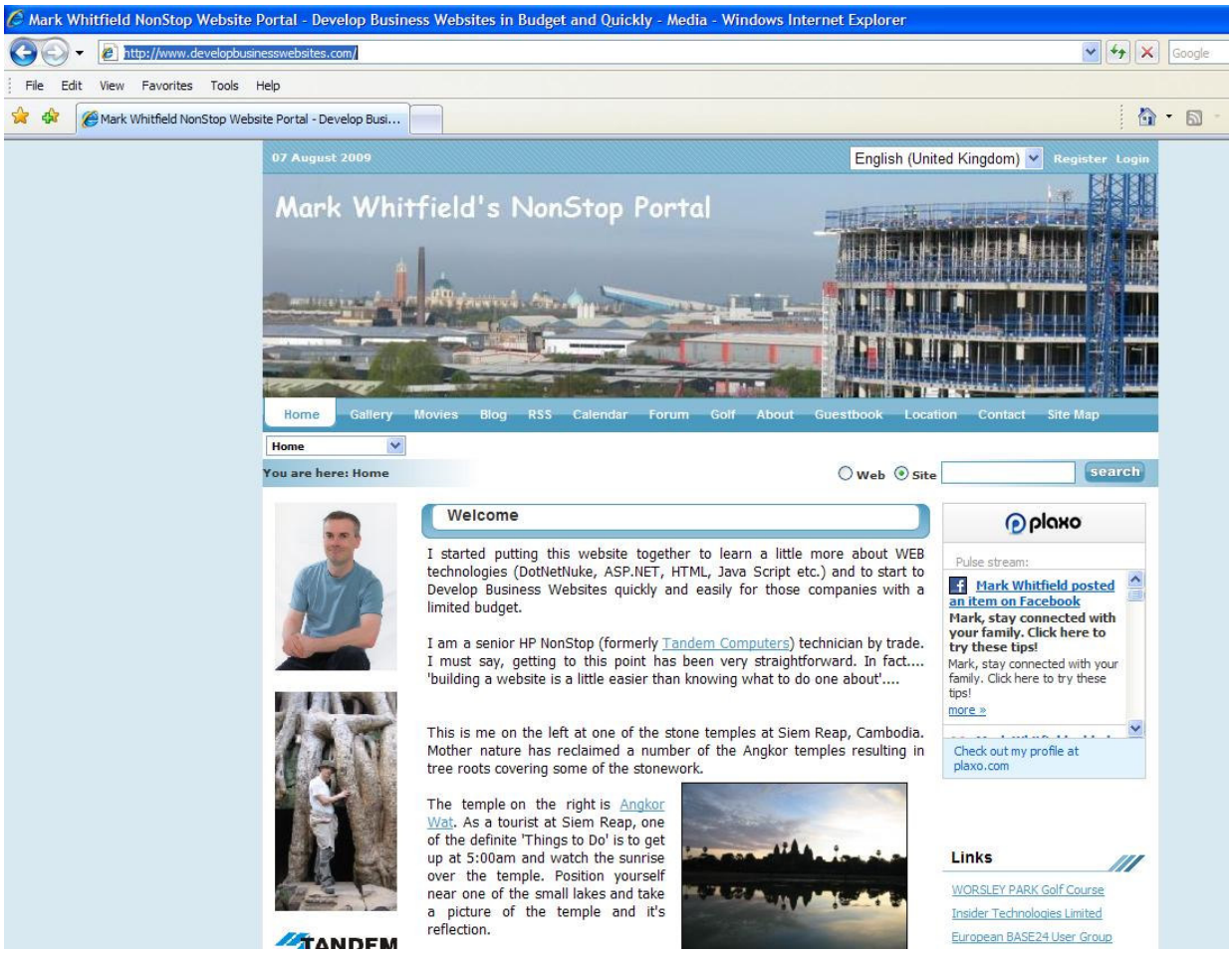
2.8. DBW Website Database Backup and Restore

http://sqlbackup.hosting.zen.co.uk

SQL Database User: dbwbq

SQL Database Password: #@#@#@#@

2.9. DBW Website Current Screen SnapShot Prototype (Local PC Copy)



Notice already we have user login, register and search facilities out of the box. This DotNetNuke application is ready to be deployed to a chosen ASP.NET ISP.

3. DBW Website Internet Service Provider

3.1. ZEN - Proposed ISP for DBW Website

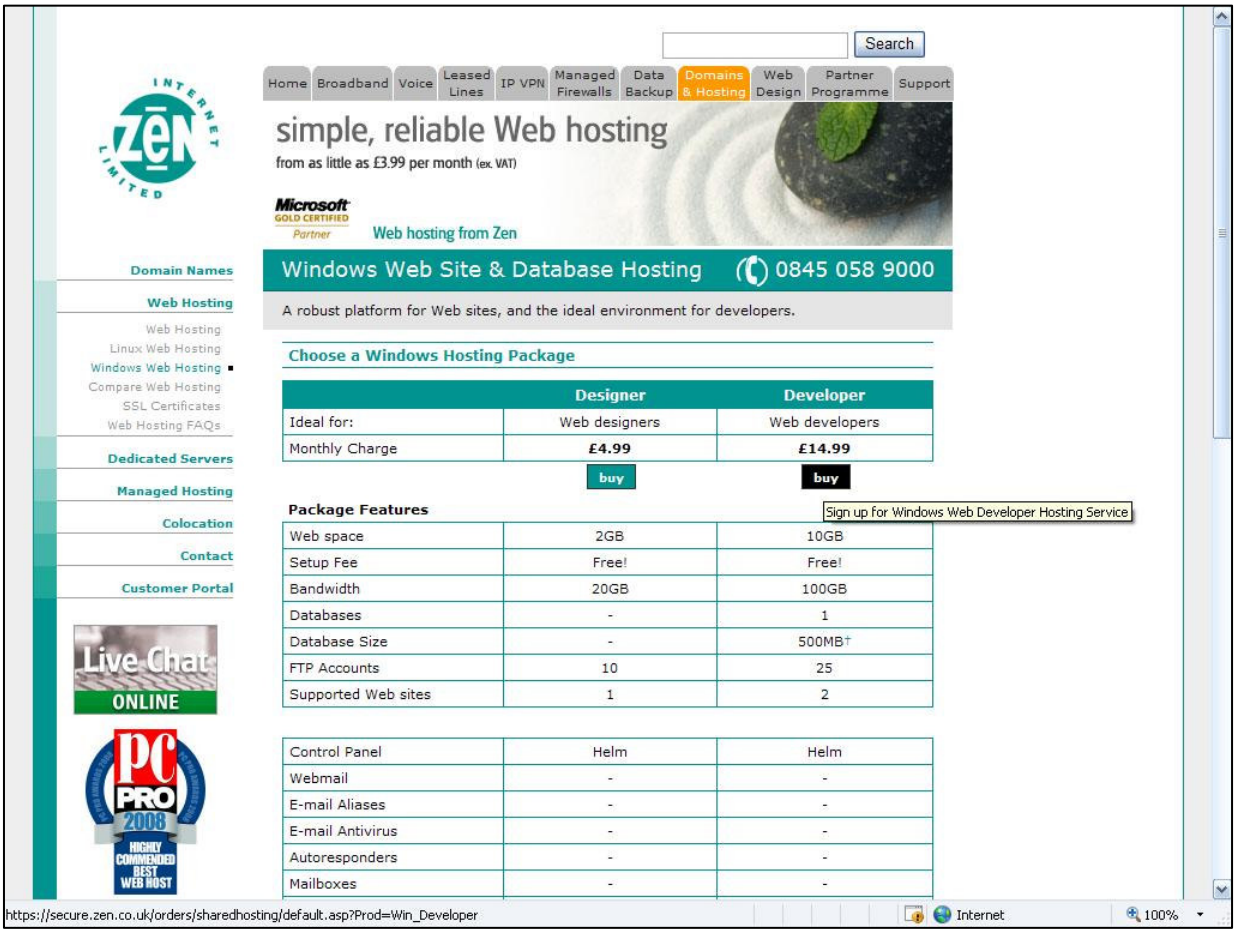
Although competitive American ISP providers for ASP.NET SQL hosting (required by DotNetNuke) are numerous for **shared hosting** (numerous websites sharing the same Windows Server resulting in a more reasonable monthly fee but slower web page serving), UK based ISP's for this type of hosting are few and far between.

Needless to say that dedicated hosting (one Windows Server per website for faster web page serving) for ASP.NET SQL websites is abundant on both shores. This type of hosting retails at upwards of £130 a month (the DBW website is hosted at IOMart for this monthly fee).

Such is the nature of the DBW organisation, it is assumed that shared ASP.NET hosting is sufficient and typically costs upwards of £15 a month. My own personal website uses shared hosting at WebHost4Life (an American company).

ZEN (http://www.zen.co.uk/about.aspx) are an ISP based in Rochdale and currently own and host the DBW domain names, e.g. www.developbusinesswebsites.co.uk, www.developbusinesswebsites.com etc.

A monthly cost for ZEN website hosting (**shared**) is £17.30 a month (£207.60 a year) including VAT. They offer a bill monthly contract with the option of cancelling with a month's notice. Here are the details:



Free PPC Vouchers from Microsoft adCenter	-	£30
Contract	1 Month	1 Month
	buy	buy

* Databases share the total Web Space allocation for Windows Designer services.

† MS SQL 2005 Database

Please Note: All prices exclude VAT.

Cutting Edge Windows Hosting Development Tools

ASP.NET 2 - The latest version of Microsoft's Active Server Pages (ASP) technology is a part of the Microsoft .NET framework, and a powerful tool for creating dynamic and interactive sites.

.NET (v1, 2, 3 & 3.5) - A programming environment from Microsoft that enables developers to build fast, portable applications for Web sites.

AJAX - A new and popular set of development tools, AJAX helps make interactive pages that load more quickly and efficiently.

MS SQL 2005 - Faster, more scalable and with better security than either MySQL or MS Access, SQL 2005 is the ideal solution for developer creating database driven sites.

Standard Windows Hosting Features

- **Helm control panel:** An intuitive, user-friendly control panel helps you find your way around and perform basic admin tasks.
- **Livestats Web statistics:** A comprehensive Web marketing tool, Livestats helps you analyse your Web traffic, track campaigns and create custom reports.
- **Performance servers:** Servers in Zen's Windows hosting infrastructure are highly specified and built to perform dedicated tasks, ensuring they operate efficiently and effectively
- **Backups:** A backup of changes to your files is made daily and kept securely, off-site, for a period of two weeks. In addition, at the end of each week we backup your data in full and keep this off-site in a tape library for a further six months.
- **Firewall protection:** The server your site is located on is protected by one of Fortigate's enterprise-class, unified threat management devices, providing both packet level protection and intrusion detection technology.
- **Resilient and reliable:** Unfortunately hardware failures do occur. To ensure any impact to your site is kept to an absolute minimum, we invest heavily in resilience and standby hardware throughout our hosting infrastructure, from network access to the server component level.

Internet 100%

Online Ordering
About Zen
History & Culture
Latest News
Zen Newsletter
Our Network
Latest Awards
Customers
Downloads
Case Studies
Contact Us
Careers
Zen Policies
Webmail
Customer Portal

Live Chat ONLINE

PC PRO 2008 BEST ISP

BEST BROADBAND PROVIDER which? AWARDS 2008

NATIONAL CUSTOMER SERVICE AWARDS finalist 2008

History & Culture

0845 058 9000

Zen Internet, an independent Internet Service Provider (ISP), has been delivering services to business and residential users in the UK since 1995. Led by founder and Managing Director Richard Tang, Zen's mission it to provide the best ISP service in the UK and is committed to investing in the latest technologies and providing high levels of service, support and reliability.

The current product portfolio range includes:

- Broadband
- Voice
- Leased Lines
- IP VPN
- Managed Firewalls
- Online Data Backup
- Hosting
- Web Design

Zen's technical infrastructure reflects the company's investment in a fully resilient 10Gbps UK core network. Zen has a secure transatlantic link to New York and Points of Presence in Leeds, Manchester, London and Rochdale, further increasing the geographical diversity of this network. This means customers are assured of a reliable and resilient service as well as consistent speeds. It also enables future expansion and new product development.

Zen ensures you are speaking to the right person rather than being passed from one department to another. Training and experience are used rather than reading from scripts and employees are focussed on resolving issues first time and restoring service as quickly as possible.

Zen regularly wins independent awards that are voted for by our customers. Recent awards include PC Pro Best Broadband ISP for the fifth year running and Which? Best Broadband as well as North West Business of the Year.

Zen Internet has recently moved into a new headquarters in Rochdale, the town where it was founded, and currently employs over 350 people.

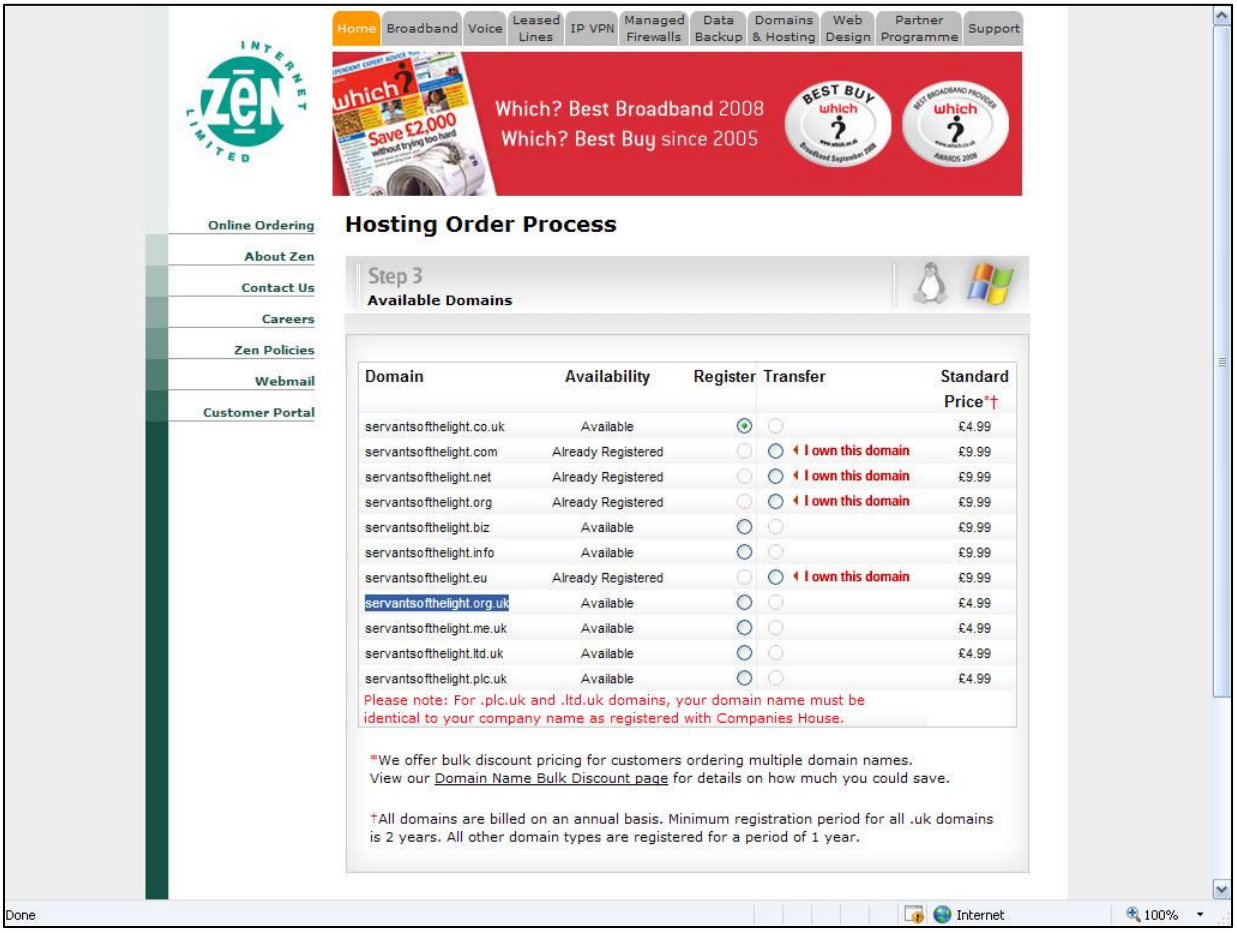
Want to find out more?

Whether your requirements are large or small we have the staff on hand to advise how we can best meet your Internet needs, both now and going forward. For further information on our products and services please call our sales team on **0845 058 9000** or fill in the enquiry form.

Done Internet 100%

3.2. DBW Website Domain names

Both www.developbusinesswebsites.co.uk and www.developbusinesswebsites.org.uk are currently available domain names at £5 a year. The latter would match the stateside www.developbusinesswebsites.org website if this was chosen. There is no reason why both can't be used but this is not necessary. Note: www.developbusinesswebsites.com is already taken. (Also look at www.dbw.co.uk and www.dbwib.co.uk, purchase all available).



Domain names registered with ZEN

www.developbusinesswebsites.co.uk (registered with ZEN).

www.developbusinesswebsites.com (also registered with ZEN).

3.3. ZEN ISP Hosting Account Login Details

Username: dbwbq

Password: #@#@#@#@#@#@##

Email: dbw@gmail.com

FTP Username: dbw.org.uk

FTP Password: #@#@#@#@#@#@##

FTP Server: ftp.hosting.zen.co.uk

FTP IP Address: 82.71.136.67

Hem login url: https://helm.hosting.zen.co.uk

Order Date: Thursday 2nd July 2009

Order Number: 476630

3.4. ZEN ISP Hosting Account Helpdesk and Support

It is very important that you let us know if you change your e-mail address or telephone number.

To do this please e-mail customerservices@zen.co.uk quoting your order number (476630) and new contact details.

Alternatively you can call Customer Services for an update on 0845 058 9000, quoting your order number (476630).

Customer Services

Zen Internet Ltd

Sandbrook Park

Sandbrook Way

Rochdale

OL11 1RY

Accounts e-mail: accounts@zen.co.uk

Credit Control e-mail: creditcontrol@zen.co.uk Sales e-mail: sales@zen.co.uk Support e-mail: support@zen.co.uk

Web: http://www.zen.co.uk

Switchboard: 0845 058 9000

Support help line: 0845 058 9009

Fax: 0845 058 9005

The details contained in this section are only for use in the unlikely event that you experience technical difficulties.

Your technical support phrase:

Support Phrase: **DXiAd4** (this is not your control panel password)

>>>

4. Google Account

4.1. Account Logon

Username One:

Password : #@#@#@#@

Email : dbw@gmail.com
(**free email** - can be used to keep an audit trail (secondary) of all contact emails from the new dbw website).

Username Two: DBWBQ

Password : #@#@#@#@#@#@

Email : dbwbq@gmail.com
(**free email** - can be used to keep an audit trail (secondary) of all contact emails from the new DBW website).

4.2. WebMaster Tools for registering a website sitemap

This area of Google is used to inform Google of web pages and to increase Google searches on the website for new content.

Authorisation file name: google3acbed709e47f7b0.html

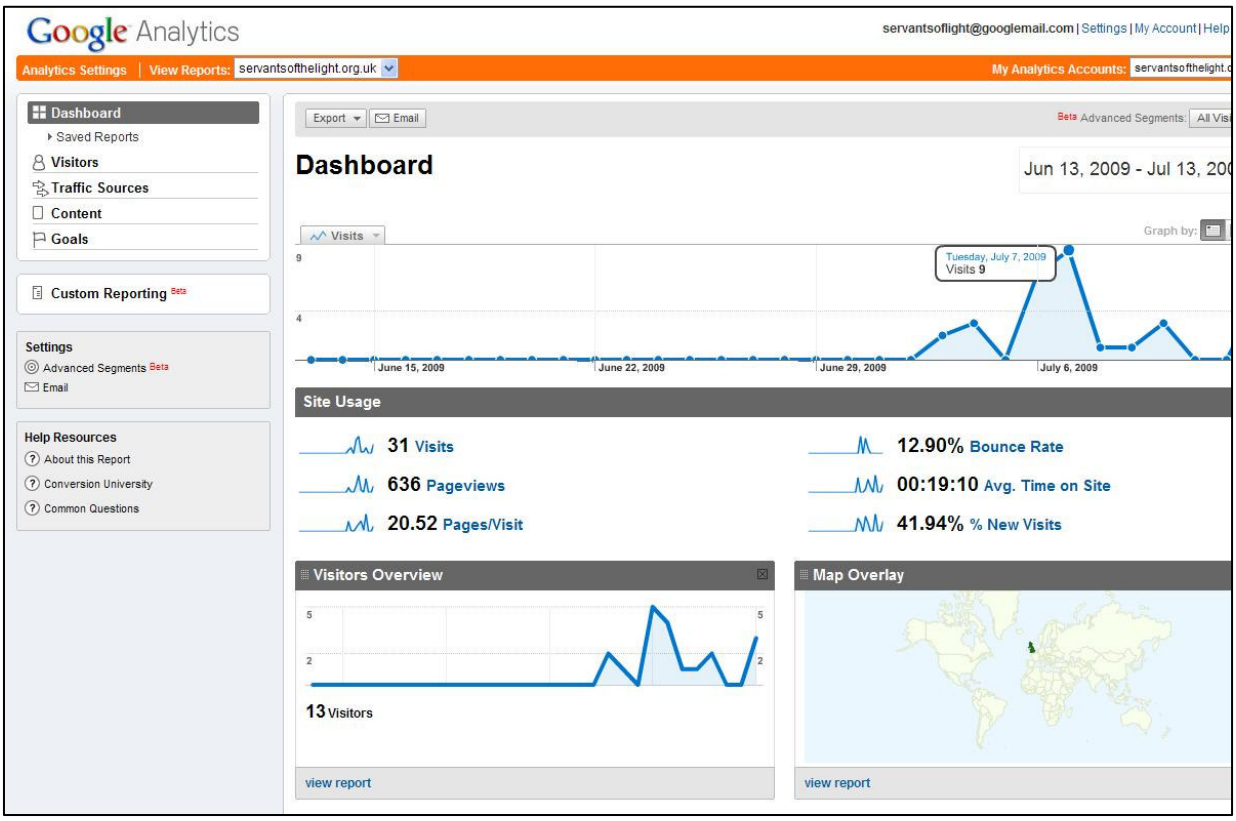
4.3. Google Analytics for checking website hits

Goto Google and logon as :

Username One: DBW

Password : #@#@#@#@

Goto Account Settings and click on Analytics>www.dbw.org.uk>view report



5. Yahoo Account

5.1. Account Logon

Username : dbw

Password : #@#@#@#@

Email : dbw@yahoo.co.uk.

5.2. WebMaster Tools for registering a website sitemap

This area of Yahoo is used to inform Yahoo of web pages and to increase Yahoo searches on the website for new content.

Authorisation file name: y_key_b004b194797d4d39.html (primary)

6. DBW Website Project Tasks and Timescales

6.1. Tasks and Estimates (first phase)

No	Task Description	Estimated Man Hours	Finished Task Y/N	Hours Effort So Far
1	R&D (first phase)	4	N	3
2	Development (first phase)	30	N	28.25 Hours
3	Training (first phase)	5	N	0
4	This DBW Website Reference Manual (first phase)	7	N	6.75 Hours
	T O T A L			38 Hours

Labour costs = £25 an hour.

Total Hours Paid = 0

Total Hours Unpaid = 38

6.2. My DBW Website Timesheet Entries

Week Beginning	Task No	DBW Website Task Worked On	Hours Effort	Paid?
17/06/2009	4	Starting this DBW website reference manual	4 Hours	N
	1	Looking for appropriate ISP for website	30mins	N
	1	Researching secure PDF download module	45mins	N
	2	Setting up Google & Yahoo accounts for prominence with sitemaps	30mins	N
18/06/2009	4	Updating this DBW website reference manual	30mins	N
	2	Setting up local PC copy of DotNetNuke framework for subsequent deployment to chosen host	1.5 Hours	N
19/06/2009	1	Researching secure PDF download module, CATALOOK, http://www.catalook.net	30mins	N
29/06/2009	4	Updating this DBW website reference manual	30mins	N
30/06/2009	4	Updating this DBW website reference manual and raising Purchase Order for primary modules and hosting required including CATALOOK, domain names and ISP hosting provider	30mins	N
02/07/2009	2	Set-Up ISP hosting account with Zen (initial payment by me) and FTP vanilla version of DotNetNuke to domain http://www.dbw.org.uk	1.5 Hour	N
03/07/2009	2	Set-Up Keep Alive Services, Google and Yahoo accounts for new Domain. Restore local vanilla DNN database to host and activate http://www.dbw.org.uk website.	1 Hour	N
	2	Set-up Contact Us, About, Location and Site Map pages as placeholders. Add Google Analytics.	2 Hours	N
06/07/2009	2	Started Enrol page and added fuller page description meta tags. Added Enrolled Users DNN role.	30 mins	N
	1	Buy, Read and Extract CataLooK eCommerce Module prior to install.	30mins	N

Week Beginning	Task No	DBW Website Task Worked On	Hours Effort	Paid?
07/07/2009	2	Added form fields to DBW enrolment form and updated confirmation, user copy and primary recipient email messages.	1 Hour	N
	2	Installed (but not yet configured for use) CataLook eCommerce module, blog and forum and also added New York Times RSS feed live.	2 Hours	N
08/07/2009	2	Configured blog, forum and completed first pass of Enrolment form	2 Hours	N
10/07/2009	2	Preliminary Testing of Catalook	1.5 Hours	N
	1	Researching Catalook for digital downloading and PayPal	30 mins	N
13/07/2009	2	Testing Catalook with a real payment and also adding newly added domains to Google and Yahoo and authenticating them	45 mins	N
	2	Added Search History Reporting	15 mins	N
	4	Updating this DBW website reference manual	30 mins	N
14/07/2009	2	Added 2 DBW Book Feeds	30 mins	N
16/07/2009	2	Catalogued Foundation and Main PDF courses on website, added more Forum threads and ZIP password protected Foundation courses.	2.5 Hours	N
	4	Updating this DBW website reference manual	15 mins	N
19/07/2009	2	Added Live Content for PayPal video and adjusted Location Map view for all new domains.	30 mins	N
	1	User Diary Entries Investigation	15 mins	N
20/07/2009	2	Zipped, Password protected and uploaded all DBW lessons to ZEN ISP Hosting Account	1 Hour	N

Week Beginning	Task No	DBW Website Task Worked On	Hours Effort	Paid?
22/07/2009	2	Add all lessons to DBW Store	2 Hours	N
	4	Updating this DBW website reference manual	30 mins	N
	2	Added Live Chat area for enroled users only	15mins	N
28/07/2009	2	Add under construction image and lesson tDBWes to the store cart. Descriptions to follow as snippets in next task.	1 Hour	N
04/08/2009	2	Adding Flex2 skin to the site and configuring and publishing.	2 Hours	N
05/08/2009	2	Back up website files and database. Add User Join page and made font sizes consistent across all accessible pages.	2 Hours	N
06/08/2009	2	Added lesson excerpts for all 56 courses.	2 Hours	N

6.3. Costs excluding labour

A breakdown of website costs. These relate to required DotNetNuke modules that are not part of the standard product and ISP hosting costs.

Description	Amount £
** ISP Hosting Package	£208
** Domain Name(s) (6 registered – see above)	£45
++ DotNetNuke Theme / Skin to provide a unique website look-and-feel (to be decided by DBW). Using Flex 2 as of 04/08/2009 at a cost of $99.00.	++£70
Digital Media Download Package - CATALOOK	£80
@@T o t a l (Phase 1 excluding labour)	**£403**
Total if using an existing theme / skin	£333
T O T A L recurring cost (yearly) for DBW excluding any labour costs (essentially ISP hosting and domain names)	**£253**

KEY:

** Recurring costs (yearly). ISP typically bills monthly on credit card.

++ To keep costs down, a current skin/theme could be used as previously purchased for the DBW website (different colours available in skin/theme). I have applied a currently purchased skin which maybe seen as appropriate (send DBW a link to available skins/thems). Skin availabe :

http://www.snowcovered.com/Snowcovered2/Default.aspx?tabid=295&categoryid=23

The website skin will be decided by DBW

@@ Yearly costs will remain roughly the same but first year costs may increase if it is decided that even more functionality than that stated is required. Some of the modules used have been bought previously for the DBW website and used again for DBW so costs have been reduced here, e.g. RSS feed, Live Content, Site Map plug-in, Custom Forms for Contact Us and Enrol – **cost saving £120 approx**.

7. Miscellaneous

7.1. Host Tracker (keep alive service)

http://host-tracker.com/

Username : DBW

Password : #@#@#@#@

Email: dbw@gmail.com

7.2. Bello Monitoring (keep alive service)

Email : dbw@gmail.com

Password : aoiiys3k

Both section 7.1 and 7.2 above are used to kick the live website so stop it unloading from memory when not in use. This means that if a user comes along after 20 minutes say, they will not be subjected to a 60-120 second start-up time. This is because DotNetNuke is an application. With increased website prominence and users, this will stop being a problem but in the early stages of deployment, is useful to have.

7.3. DBW Website Logos (Favicon)

When upgrading the website, don't forget to replace the 'favicon.co' and 'DotNetNuke.ico' files with the current DBW website logos ico files. These are contained in the root directory and are the icons used in the URL address when users save the website as a favourite.

7.4. DotNetNuke Forum Technical Responses

Technical questions can be posted at http://www.dotnetnuke.com forums.

Question: Securing PDF downloads for PayPal purchase :

Sounds like you want a store module featuring PayPal IPN (Instant Payment Notification) and providing direct support for selling digital media. The "support for digital media" narrows potential DBWutions down quite a bit....in fact, you'll probably want to jump straight to Catalook which is about the best known third-party store module there is in the DNN world.

As a point-of-interest:
You can get around the "digital media" requirement if you're willing to leverage your site's user roles -- something you'd probably only consider if you have a very limited number of PDFs to offer. As we'll see in the example, it's fairly easily done but it also makes Catalook's integrated digital media features and $80 price look *extra* attractive...

Example:
A module like the nifty $40 PayPal BuyNow from Gumbosoft has PayPal IPN support and can add users to user roles upon purchase (only after purchase is automatically verified via IPN). If you offer file "PDF01.PDF" for sale, you'd create a security role "PDF01", create a file directory "PDF01" and limit the VIEW rights to user role "PDF01", upload file "PDF01.PDF" into directory "PDF01" and set your BuyNow module to offer the rights to user role "PDF01" for a fee. A user buying "PDF01" actually buys the rights to the user role which, in turn, opens access to the file. The user can return and access the file as often as needed without need to keep track of what the user has purchased. Your "log" of who bought what and when is reflected by membership in the various user roles you set up for your PDFs.

At only $40 this is certainly a cheap DBWution but, since it involves setting up a role and a directory for **every** PDF you wish to sell, it'd be a real headache to implement for more than a handful of PDF files. If you DID decide to go that route, though, you'd probably also be interested in Secure Downloads (also from Gumbosoft) which will make life a little easier regarding file permissions management plus give you logging and control over how many times a user may download a file. Then again, you could have simply bought Catalook for the same price as the two Gumbosoft modules and Catalook offers many, many more features...

Question: Diary Entries for Student Study :

Regarding a custom registration form, Enterprise forms has the ability both to provide new registrations and updates to user profile via forms you build; map form elements to existing or custom fields in profile. You can in the same form put users into particular security role conditionally based upon an element value.

Enterprise forms is very strong in the workflow area and can be leveraged for a vast array of online uses.

What you are looking to achieve is certainly possible with Enterprise Forms (EF). With EF you could configure access control such as that at the submitted stage of the workflow only the form owner (user originally submitted the form) as well as the assigned supervisor access to the form. I am assuming when a student creates a submission, her/she needs to select the supervisor for the course which in turn will let the system know that the assigned supervisor can have access to the form/record.

7.5. Demo Users

Visitors can read the website but cannot post in the forums, blog, access the store or live chat.

Username : DemoUser

Password : DBW##

DemoUser is a **registered** user and has write access to some areas of the forum, the blog (for comments) but can cannot access the store or live chat areas.

Username : DemoUser2

Password : DBWBQ##

DemoUser2 is an **enroled** user and has access to all the forums, blog, store and live chat.

Note : Regardless of the user, whatever the user posts will result in an email to the website administrator to authorise or delete the post (moderation). Until the administrator authorises the message or comment (forum, blog), the message will not appear on the DBW website.

8. CATALooK for DBW Website eCommerce

8.1. Download Information

Please read the following information carefully and be sure to save this message in a safe location for future reference.

All CATALooK product downloads are available via My Account -> My Downloads page at www.dnnsoft.com.
URL: http://www.dnnsoft.com/MybrAccount/MyDownloads/tabid/174/Default.aspx

Please use the following credentials to gain access to this page:

Username (Snowcovered Invoice ID): I-5DB1B9C9281D4E6B93C6FFF780A074A1
Password: #@#@#@#@#@#@##

Please change the password after your first login.
In order to get coming update notification emails, please keep your email address up to date.

You will get an email with your license keys within the next 6 hours.

Kind Regards,
CATALooK Support
support@dnnsoft.com

SnowCovered :

License key: GhkPdM9WiQYt9yzBLl3gnmLCPlsTNDZAwWc7FXGUI=

Copy this license key into the license key field of module CAT_StoreSettings. If you have installed one of the included store portal templates, this module can be found on the CATALooK.netStore -> Store Settings page. The key is case sensitive. Don't forget to include the '=' character at the end of the key if you use drag and drop.

9. DBW Lessons Index

9.1. Table of Lessons in Store

Lesson	TDBWe	Pages	Password	Size
F1	Lesson 1		realisation224	224KB
F2	Lesson 2		Develop2114	114KB
F3	Lesson 3		for1244	124KB
F4	Lesson 4		the1517	117KB
F5	Lesson 5		please1560	150KB
F6	Lesson 6		exam1988	198KB
M1	Lesson 7		mind2136	216KB
M2	Lesson 8		week1560	160KB
M3	Lesson 9		will1872	182KB
M4	Lesson 10		the18892	1.9MB
M5	Lesson 11		the2732	232KB
M6	Lesson 12		beyond2914	214KB
M7	Lesson 13		our1524	154KB
M8	Lesson 14		main1350	150KB
M9	Lesson 15		qui2642	262KB
M10	Lesson 16		work1453	143KB
M11	Lesson 17		spent2608	208KB
M12	Lesson 18		thou2574	254KB
M13	Lesson 19		the7974	794KB
M14	Lesson 20		their1560	150KB
M15	Lesson 21		learn1266	126KB
M16	Lesson 22		main1447	147KB
M17	Lesson 23		main1544	154KB
M18	Lesson 24		concentrate56	156KB
M19	Lesson 25		main1576	156KB
M20	Lesson 26		point12770	1.3MB
M21	Lesson 27		difficulty1756	156KB
M22	Lesson 28		book1674	164KB
M23	Lesson 29		Pattern7147	147KB
M24	Lesson 30		myth1777	177KB
M25	Lesson 31		must1779	179KB
M26	Lesson 32		quiet1667	167KB
M27	Lesson 33		go1567	157KB

Lesson	TDBWe	Pages	Password	Size
M28	Lesson 34		in1668	168KB
M29	Lesson 35		manifold1588	158KB
M30	Lesson 36		we1675	165KB
M31	Lesson 37		step1469	149KB
M32	Lesson 38		possible1558	158KB
M33	Lesson 39		landings1656	166KB
M34	Lesson 40		times1588	188KB
M35	Lesson 41		the1555	155KB
M36	Lesson 42		hand1366	166KB
M37	Lesson 43		used1347	147KB
M38	Lesson 44		definite1536	156KB
M39	Lesson 45		main1536	156KB
M40	Lesson 46		who1575	155KB
M41	Lesson 47		so1671	161KB
M42	Lesson 48		establishment44	144KB
M43	Lesson 49		power1768	178KB
M44	Lesson 50		main1667	167KB
M45	Lesson 51		moment1664	164KB
M46	Lesson 52		correctly1358	158KB
M47	Lesson 53		until1648	168KB
M48	Lesson 54		pattern1559	159KB
M49	Lesson 55		holy1575	175KB
M50	Lesson 56		this2182	212KB