

Community Portal Application

Case Study



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Industry

Community Portal

Project

Community Portal is developed using DotNetNuke; an open source ASP.NET based content management system. The community portal required an easy-to-use, updatable, customizable, and secured content management system. Using DNN as a development platform, the above project was easily achievable. The portal consists of the following modules which are developed using DNN provided controls with customization as required.

- Blogs
- Articles
- Feedback
- FAQs
- Groups
- User Profile
- Banner

The **Blogs, Feedback, FAQs** and **Banner** are developed using DNN built in modules. We have customized the Blogs and have added Blogs group and Blogs subscription part. Blogs can be grouped under categories and a rich functionality to have

- Text Blogs
- Photo Blogs and
- Video Blogs

Users have been provided with the functionality of adding groups on the fly and they can invite friends to join the groups as well.

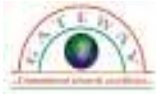
The articles section provides rich functionality to add articles and group them under various categories that can be defined by the administrator. The administrator can define featured articles as well.

The Feedback module, implements an option to enter the feedback, enter the questions and testimonials and also has a moderation part, provided for each testimonial.

The **Groups** and **User Profile** modules are developed from scratch using the DNN framework. In the Group module, there is functionality for creating groups, join a group as a member and create private or public groups. In the User Profile module, allow user to enter their personal details, also other users can add/view comments. We have also developed Photo Gallery where user can upload photos.

Scope

The scope of the project was to design and develop a community portal with features that can be used by the registered users for different purposes. The portal should allow users to register themselves free of charge and start using the portal functionalities. It is envisioned that initially the portal will be made available to



everyone who wants to register and there will be no restriction to any of the functionalities within the portal. At a later date, adding more functionality into the portal and making the paid registrations for different level of functionality access.

In the initial phase, we had included the common functionalities such as Blogs, FAQs, Banner, User Groups and User Profile with individual customization capabilities, Discussion Forums, Audio-Video streaming, etc.

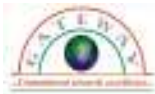
Benefits

The DNN code base is functionally well thought out and built on a proven, homogeneous Microsoft platform that gives clear scalability options. Out of the box, DNN provides the functionality needed for normal CMS Driven Community Portals and much more. The provider models provide the flexibility to customize the system to the specific needs without touching the core code.

The built-in authentication, roles, skins and navigation saves a lot of effort.

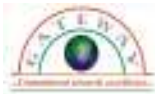
Some salient features of Dot Net Nuke are:

- Well researched user interface, site wizards.
- Dividing administrative options between host level and portal level.
- Easily managed site hosting, security, membership options.
- Built-in modules, module creation, module packaging.
- Multi-language localization feature.
- Skins, Container.



Screen Shots

The screenshot displays the 'Community Portal' website interface. At the top right, the date 'Wednesday, June 20, 2007' is shown, along with 'Register | Help' links and a search bar. A navigation menu includes 'Home', 'Quick Tour', 'My Account', 'Message', 'Events', 'Groups', 'Blogs', 'Advertiser', 'Feedback', and 'About Us'. The main content area is divided into several sections: 'User Preference' with icons for Home, Quick Tour, Account, Message, Events, Groups, Blog, Advertiser, and Feedback; 'Member's Login' with fields for Username and Password, a 'Remember Login' checkbox, and 'Login' and 'Register' buttons; 'Pet's Community Portal' with a welcome message and a search bar; 'Recently Joined Members' listing users like 'gtl', 'Keyush', and 'Tarmay'; 'Recent Blogs' featuring posts by 'vofinal', 'Srijeshgoput', and 'sejal'; 'Member's Testimonials' with feedback from 'Srijeshgoput', 'kudinchu', and 'sejal'; 'Recent Events' for 'Kokua Festival'; 'Groups' including 'Gujarat Government', 'Indoor Game', and 'Outdoor Game'; and a 'News' section with headlines like 'Grandson does Tenzing proud on Mt. Everest' and 'Now Budhia to walk from Bhubaneswar to Kolkata'. A 'CrystalTech' logo is visible at the bottom left.



Wednesday, June 20, 2007

sejal | Help

Search

Home | Quick Tour | My Account | Message | Events | Groups | **Blogs** | Advertise | Feedback | About Us

Home > Blogs

User Preference

Home Quick Tour Account

Message Events Groups

Blogs Advertise Feedback

Member's Login

sejal
Logout

Blog Category List

View All Recent Entries
All Categories

Blogs

Create My Blog
View My Blog
Post New Blog

My Subscriptions

My Subscribed Blog Groups
Subscribed Blog Details

Most Recent Blog Entries

Feedback on the Portal
All Categories > Art
I am looking for feedback on the portal functionalities developed as far from the usefulness, UI and other aspects.
Comments (1) [More...](#)

EVENING PRAYER PANS
All Categories > Art
WE ARE BUILDING THE LARGEST BREAKS, ELECTRO, HOUSE, AND DNB PARTYS IN BALTIMORE.
Comments (1) [More...](#)

Sing alone
All Categories > Music
"In My Mind" Imagine seeing him on the town hiding another hand she's start'ing down, So I figure that he told her who I am. But I don't matter either way...
Comments (0) [More...](#)

if you feel.....ALL ALONE.....without Music
All Categories > Music
if you feel music heals your soul, whenever you are feeling rejected and hurt and the only way to express it is to play music so loud and no one hears you scream... "Oh" so its just music is a need! post anything you want.....
Comments (0) [More...](#)

super post
All Categories > Music
super post
Comments (0) [More...](#)

sejal test
All Categories > Art
test
Comments (0) [More...](#)

sejal art
All Categories > Art
Comments (0) [More...](#)

Wednesday, June 20, 2007

SuperUser Account | Help

Search

Home | Quick Tour | My Account | Message | Events | Groups | Blogs | Advertise | Feedback | About Us | **Admin** | Logout

Admin Panel

Members
Group Category
Blog Category
FAQs
FAQs Category
FAQs Moderation
Feedback Moderation

User Preference

Home Quick Tour Account

Message Events Groups

Blogs Advertise Feedback

Member's Login

SuperUser Account
Logout

Member List

Search: Username

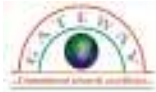
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	All	Drinks	Unauthorized	Authorized
	Username		Name		Address		Telephone		Created Date		Authorized																			
		admin	Administrator Account						4/20/2007 10:03:57 AM		<input checked="" type="checkbox"/>																			
		brijesh.popal	Brijesh						5/9/2007 2:28:12 PM		<input checked="" type="checkbox"/>																			
		gil	GTL						5/29/2007 2:06:57 PM		<input checked="" type="checkbox"/>																			
		kudecha	kudecha		Ahmedabad				5/22/2007 12:14:06 PM		<input checked="" type="checkbox"/>																			
		Keyush	Keyush						5/26/2007 2:25:11 PM		<input checked="" type="checkbox"/>																			
		sejal	sejal		Ahmedabad				4/24/2007 12:02:09 PM		<input checked="" type="checkbox"/>																			
		Tarimar	Tarimar						5/26/2007 2:19:28 PM		<input checked="" type="checkbox"/>																			
		vatsal	vatsal						5/26/2007 11:55:31 AM		<input checked="" type="checkbox"/>																			
		webportal	webportal		Bombay				5/25/2007 3:11:39 PM		<input checked="" type="checkbox"/>																			

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[Add New User](#) [Delete Unauthorized Users](#) [Manage Profile Properties](#) [User Settings](#)

Home | Quick Tour | My Account | Message | Events | Groups | Blogs | Advertise | Feedback | About Us | FAQ

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Team Size

Team size for the above project is mentioned below:

- Software Engineers - 1
- Senior Software Engineers - 1
- Senior Programmer Analyst - 1
- QA Analyst - 1
- Project Manager - 1

Technology Stack

DotNetNuke Version 4.5 (ASP.NET (VB.NET) Platform)
SQL Server 2000