



Case Study: Community Portal

“After a long and exhaustive search to find a company which can work as an extended development team, We zeroed in on SolveIT InfoTech. SolveIT exceeded our expectations and has always delivered quality code on time every time.”

Leo Christiansen
CEO, VisioSign

Summary: The client wants to develop community portal using DotNetNuke . Portal should be an easy-to-use, updatable, customizable, and secured content management system.

Solution: Community portal allows the users to register themselves free of charge and starts 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. Also project includes the common functionalities such as Blogs, FAQs, Banner, User Groups, and User Profile with individual customization capabilities, Discussion Forums, audio-video streaming, etc.

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1 Introduction

1.1 Project Introduction

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.

2 Requirement

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 the 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.

The initial phase should include the common functionalities such as Blogs, FAQs, Banner, User Groups, and User Profile with individual customization capabilities, Discussion Forums, audio-video streaming, etc.

3 Features & Benefits

Using DNN as a development platform, the above can/was easily achievable. The portal consists of the following modules which are developed using DNN provided controls with customization as required.

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

3.1 System Features

- 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

Functionalities:

The **Blogs, Feedback, FAQs** and **Banner** are developed using DNN built in modules. We have customized the Blogs and have added Blogs groups and Blogs subscription part. In the Feedback module, we have implemented an option to enter the feedback, enter the questions and testimonials and also a moderation part is 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 member and create private or public groups. In the User Profile module, allow user to enter their personal details, also other user can add/view comments. Also developed Photo Gallery where user can upload photos.

4 Screenshots

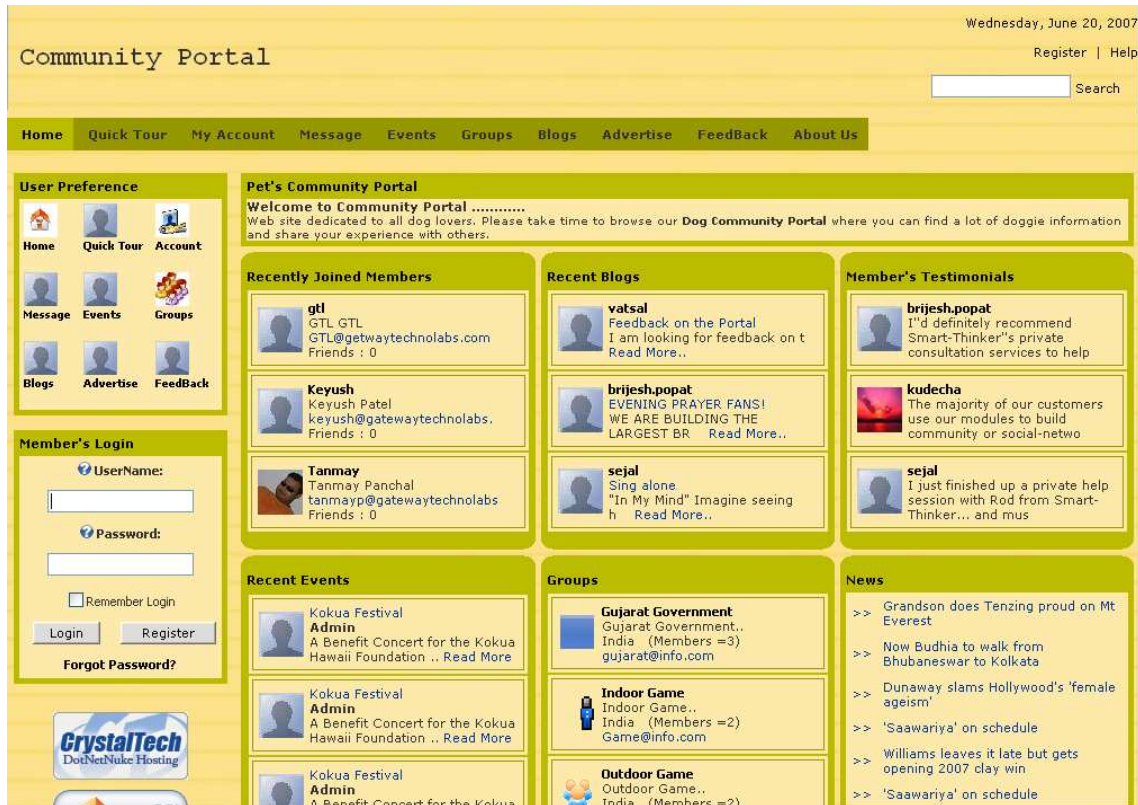


Figure 1: Home page

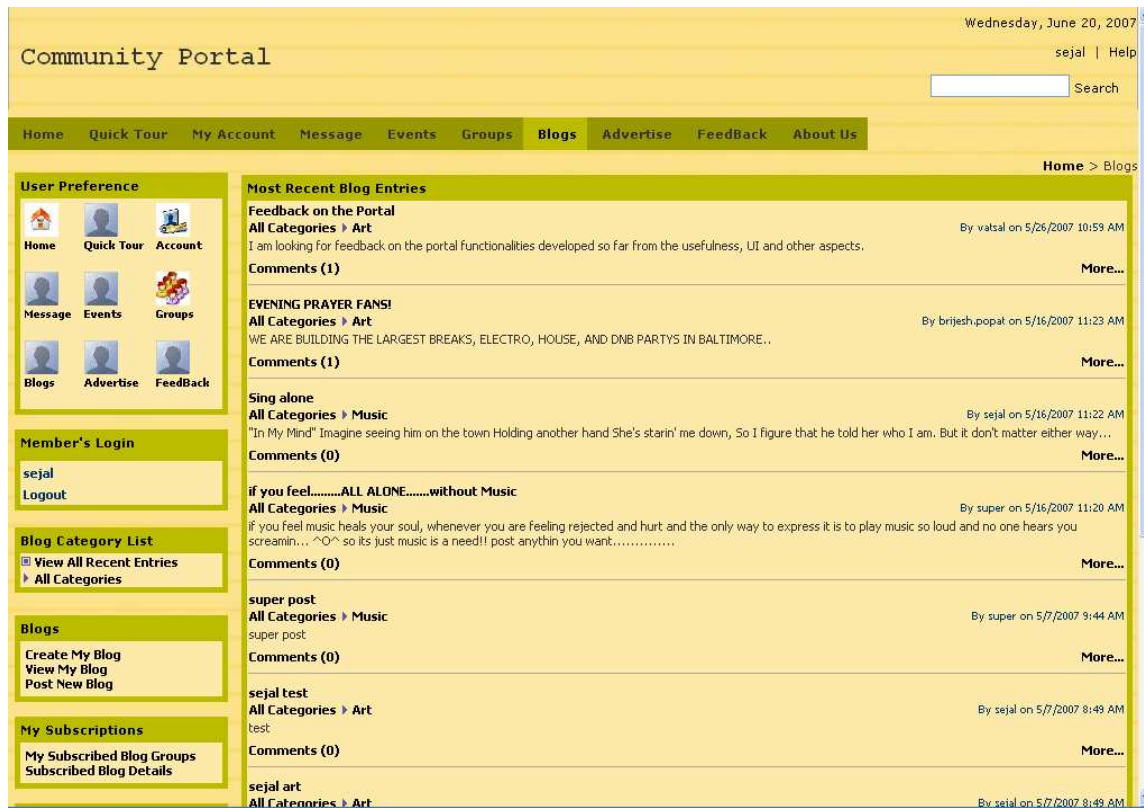


Figure 2: Blog Module

Community Portal Wednesday, June 20, 2007
SuperUser Account | Help

Search

Home Quick Tour My Account Message Events Groups Blogs Advertise **FeedBack** About Us Admin Host

Home > **FeedBack** > Feedback Moderation

Admin Panel

- Members
- Groups 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

Moderation

[Pending FAQs](#)

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	Subject	Message	From	Create Date
Publish	Popat	How can i send email?	brijesh.p@gatewaytechnolabs.com	5/25/2007 3:39:34 PM
Publish	test	tess	sejal1@yahoo.com	5/22/2007 2:33:53 PM

[Pending Testimonials](#)

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	Subject	Message	From	Create Date	
Publish	Set Private	Archive	sejal1@yahoo.com	5/22/2007 2:15:13 PM	
Publish	Set Private	Archive	test testing feedback sende	by sejal feedback@sejal.com	5/21/2007 10:44:29 AM
Publish	Set Private	Archive	test faq	feedback sejal@yahoo.com	5/7/2007 6:33:43 PM
Publish	Set Private	Archive	enter feedback	fff sejal@yahoo.com	4/30/2007 2:58:00 PM

[Pending Feedback](#)

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	Subject	Message	From	Create Date	
Publish	Set Private	Archive	sejal1@yahoo.com	5/22/2007 2:15:13 PM	
Publish	Set Private	Archive	test testing feedback sende	by sejal feedback@sejal.com	5/21/2007 10:44:29 AM
Publish	Set Private	Archive	test faq	feedback sejal@yahoo.com	5/7/2007 6:33:43 PM
Publish	Set Private	Archive	enter feedback	fff sejal@yahoo.com	4/30/2007 2:58:00 PM

[Private Feedback](#)

Figure 3: FAQ, Testimonials and Feedback Modules

5 Challenges

- Customization of built-in DNN module.

6 Technology Statistics

Application Server	Windows 2003 Server Advanced Server and above.
Web Server	IIS 6.0 or higher
Application Scripting	JavaScript , AJAX
Web Languages	DotNetNuke Version 4.5 (ASP.NET (VB.NET) platform)
Development IDE	MS Visual Studio.Net 2008
Database	SQL Server 2000
Browser	Internet Explorer 6.0 and above and Firefox 2.0 and above
Third Party Controls	Telerik