



## **A Novel Computational Approach to Develop Participating Village Charity Application Using dot Net**

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### **ABSTRACT**

*A Novel computational approach to develop participating village charity application using dot Net technology based project which is a charity group of professionals for those users who wanted to voluntarily contribute for the development of their village/town. In this project, issues like primary education, people's health, government policies awareness and availability of basic facilities/infrastructure are on main focus among others.*

*This .Net project is a web based project. Main aim of this project is to develop voluntarily help to village/town. Depending on website a group wants to help their members collaborate, to plan and implement different activities and learn with others experience/feedbacks/ suggestions. Group also wants to encourage others to join their initiatives and recognize their contributions.*

*This .Net Web application is fully integrated with customer relationship management (CRM) solution and developed in a manner that is easily manageable, time saving and relieving one form semi-automated.*

*In this project users will register to the website. They will upload all the information necessary regarding the application. Users of this application will gather the entire requirement so the village or town to be developed in this site. This information will be viewed by everyone who is registered with this website. They can give their views about the development.*

### **INTRODUCTION:**

A Novel computational approach to develop participating village charity application using dot Net technology based project is a web application where the charity group of professionals will communicate over the internet to plan and track the developmental activities which are undertaken by the organization. The members should actively participate in the meetings and formulation of the developmental activities which are to be implemented. The members should contribute funds for the financial support of the organization to implement the developmental activities [1]. The people can also take part in the organizational activity by joining as volunteers in the organization and can actively participate in the group meetings and other activities. The group also runs a monthly magazine which is mailed to all the members and anyone who visits the website can subscribe it for free.

The anonymous user can check for the updates in the site and can join as the volunteer in the organization. Feedback can be given by any person who has visited the web site. The application is completely developed in struts framework and it uses the database to store the details of the members and other organizational details.

### **OBJECTIVE OF THE WORK:**

The project is a charity group of professionals those want to voluntarily contribute in their village/town's

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development. Issues like Primary education, people's health, government policies awareness and availability of basic facilities/infrastructure are on main focus among others. Through the website group want to help their members collaborate, to plan, assess and implement different activities and learn with others experience/feedbacks/suggestions. Group also wants to encourage others to join their initiatives and recognize their contributions [2].

## INFORMATION SUPER HIGHWAY

A set of computer networks, made up of a large number of smaller networks, using different networking protocols. The world's largest computing network consisting of over two million computers supporting over 20 millions of users in almost 200 different countries. The Internet is growing a phenomenal rate between 10 and 15 percent. So any size estimates are quickly out of date.

Internet was originally established to meet the research needs of the U.S Defense Industry. But it has grown into a huge global network serving universities, academic researches, commercial interest and Government agencies, both in the U.S and Overseas. The Internet uses TCP/IP protocols and many of the Internet hosts run the Unix Operating System.

## INTERNET INFORMATION SERVER (IIS):

A web server is a program connected to the world wide web(www) that furnishes resources from the web browser.

Microsoft IIS is a web server integrated with Windows.NET server that makes it easy to publish information and bring business application to the web.

Because of its tight integration with Windows NT server, IIS guarantees the network administrator and application developer the same security, Networking and administrator functionality as windows NT server. Above and beyond its use of familiar Windows NT server Tools and functionality, IIS also has built-in

capabilities to help administer secure websites, and to develop server-intensive web application.

## FEATURES OF IIS:

IIS provides integrated security and access to a wide range of content, work seamlessly with COM components, and has a graphical interface-the Microsoft Management Console (MMC) –that you can use to create and manage your ASP application.

## IIS Provides Integrated Security:

On the internet, most sites allow anybody to connect to the site. The exceptions are commercialists where you pay a onetime, monthly fee to access the site. Sites that are restrict the access called secured site. Secured site use either integrated security or login, password security. IIS support both of these methods [3].

## IIS provides Access to Content:

All web servers can deliver HTML files, but they differ widely in how they treat other types of content. Most servers let you add and modify Multi-purpose Internet Mail Extensions (MMIE) types, but integrate directly into the windows registry. That means IIS natively understands how to treat most common windows file format, such as text (TXT) files, application initialization (INI) files, executable (EXE) files and many others

## IIS provides an Interface FOR COM

You can control many parts of IIS using COM, IIS exposes many of the server's configuration settings via the IIS Admin objects. These objects are accessible from ASP and other languages.

That means you can adjust server configuration and create virtual directories and webs programmatically. IIS 4 and higher store settings and web information in a spoil database called the Metaphase. You can use the IIS Admin objects to create new sites and virtual directories be alter the properties of existing sites and virtual directories [4].

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## EXISTING SYSTEM:

The existing system is a semi-automated at where the information is stored in the form of excels sheets in disk drives. The information sharing to the Volunteers, Group members, etc. is through mailing feature only. The information storage and maintenance is more critical in this system. Tracking the member's activities and progress of the work is a tedious job here. This system cannot provide the information sharing by 24x7 days.

## Problem in Existing System

1. Lack of membership and login facility in the website.
2. Lack of registration and profile management
3. There is no communication between the members
4. The course of development of plan of action is not automated.
5. Feedback is not considered

## PROPOSED SYSTEM

The development of this new system objective is to provide the solution to the problems of existing system. By using this new system, we can fully automate the entire process of the current system. The new system would like to make as web-enabled so that the information can be shared between the members at any time using the respective credentials. To track the status of an individual process, the status update can be centralized using the new system. Being a web-enabled system, the process can be accessed across the world over net. This system also providing the features like Chatting, Mailing between the members; Images Upload – Download via the web site; updating the process status in centralized location; generated reports can also be exporting to the applications like MS-Excel, PDF format, etc. In this new system, the members like Donors can give their valuable feedback to the Volunteers so that the Volunteers can check their progress of the tasks. The entire process categorized as different modules like Admin module, Volunteer module, etc. at where we can classify the functionality as an individual process. Using the new system entering into Admin module we can perform. In this new system using the Volunteer module

we can do. In the Reports module we can generate reports like Weekly Status Report.

## SCREEN SHOTS

### Home page:



### About us:



### Admin Login:





### Welcome Admin:

### Add Volunteers:

### Add Village:

Name	Abbreviation	Area
Edit Delete Birava Konda	BKD	Near Sagar
Edit Delete Dara Koda	DKD	Near Narsipatnam Town
Edit Delete Chesurupalli	CPL	Near Vijayanagaram Dist
Edit Delete Kotha	KG	Near BadhraChalam
Edit Delete Chinthakommanina	CK Dinna	Near Kadapa
Edit Delete chinathamrapalli	CTPalli	near
Edit Delete Devurapalli	DVP	Near Kottapadu
Edit Delete Young Talent	YT	Near Vizianagaram

### Assign village to Volunteers:

### Add Activity:

Name	Abbreviation	Description
Edit Delete Yuva Shakti	YS	This specially for youth who is under going
Edit Delete Ratri Badi	RB	This is for illiterate people who does hav time to learn at day hours
Edit Delete Mahila Abhivradhi	MA	Motivating the women power in village and providing different type of employment facilities
Edit Delete Young Talent	YT	we provide the guideness to young people

### Manage Banks:

Bank Name	Abbreviation	Description
Edit Delete ICICI Bank	ICICI	Its an international bank.
Edit Delete Andhra Bank	AB	It's an Local bank
Edit Delete AXIS Bank	Axis	It's an international bank
Edit Delete Nalanda	NNN	KKLKLKLLKKL
Edit Delete Vijaya Bank	VB	Its govt bank

### Payment Types:

	PaymentTypeName	PaymentTypeAbbr	PaymentTypeDescription
Edit Delete	Cash	cashk	bjhhhh
Edit Delete	Check	check	gggh
Edit Delete	DD	dd	dd
Edit Delete	Cash	C	i would like to pay by cash

PaymentTypeName:   
 PaymentTypeAbbr:   
 PaymentTypeDescription:   
 Insert Cancel

### Compose Mail:

### Change Password:

### Inbox Details:

SelectAll	SenderName	Subject	Date
<input type="checkbox"/>	Nanda	Hai sir Today schedule send	29/01/2009
<input type="checkbox"/>	Nanda	hello	24/08/2009
<input type="checkbox"/>	dharami	hi admin	02/10/2009

### Activity budget:

### Out Box Details:

SelectAll	ReceiverName	Subject	Date
<input type="checkbox"/>	Nanda	Hai Nanda	29/01/2009
<input type="checkbox"/>	Nanda	hai nanda to day this work	30/01/2009
<input type="checkbox"/>	Murthy	hi	13/03/2009
<input type="checkbox"/>	Krishna	Start	21/08/2009
<input type="checkbox"/>	Krishna	ref	24/08/2009
<input type="checkbox"/>	gopal	hai what r u doing	14/02/2009
<input type="checkbox"/>	gopal	fbdskkk	14/02/2009
<input type="checkbox"/>	gopal	hi gopal test mail	07/03/2009
<input type="checkbox"/>	gopal	hi gopal this is test mail from admin	08/03/2009

### Donor Report:

FirstName	MiddleName	Lastname	MailId	ContactNo	Address
Nanda	Surya	H	nanda@gmail.com	988789877	Hyderabad
Murthy	TVS	Naidu	murthy@yahoo.co.in	987889898	Hyd
sachin	tendulkar	mum	mum@gmail.com	4561237451	mumbai
Anji	kumar	kk	kumar@gmail.com	4567891234	Kukatpalli
sanjay	sanjay	K	sanju@gmail.com	99789797897	Hyderabad
Srinivas	Kanth	H	srinu@gmail.com	98989913	Hyderabad
Lakshman	KKK	klklkl	kk@gmail.com	7787878778	Hyderabad
surya	prakash	nemani	surya@gmail.com	9849494775	kphb, hyd
sravanthi	reddy	dondapati	sravz@gmail.com	9703128616	kphb,hyd
dharani	j	d	dh@gmail.com	76879879	hyd

### Report For Volunteer Activities:

Volunteer Name	Village Name	Activity Assigned
Murali	Birava Konda	Yuva Shakti
Ramarao Kota	Birava Konda	Yuva Shakti
GopalKrishna	Dara Koda	Yuva Shakti
prakash	Dara Koda	Mahila Abhivrudhi
Anitha	Kotha	Yuva Shakti
sachin	Dara Koda	Ratri Badi
PVS	chinathamarapalli	Yuva Shakti
Pilla Siva	Devurapalli	Young Talent
sachin	Dara Koda	Yuva Shakti
vv6	Cheepurupalli	Young Talent

### Report For Donations By Donors:

Donor Name	Activity	Village	AmountDonated	Volunteer Name	Date
Nanda	Ratri Badi	Dara Koda	500.0000	Hari	07/12/2008
Murthy	Mahila Abhivrudhi	Cheepurupalli	500.0000	Hari	07/12/2008
Nanda	Mahila Abhivrudhi	Cheepurupalli	150.0000	Krishna	07/12/2008
Murthy	Mahila Abhivrudhi	Cheepurupalli	150.0000	Krishna	07/12/2008
Nanda	Mahila Abhivrudhi	Cheepurupalli	150.0000	Hari	07/12/2008
Murthy	Mahila Abhivrudhi	Cheepurupalli	150.0000	Hari	07/12/2008
Nanda	Yuva Shakti	Birava Konda	20.0000	sachin	07/12/2008
Murthy	Mahila Abhivrudhi	Cheepurupalli	50.0000	Krishna	09/12/2008
Nanda	Mahila Abhivrudhi	Cheepurupalli	100.0000	Krishna	09/12/2008
Murthy	Mahila Abhivrudhi	Cheepurupalli	100.0000	Hari	09/12/2008

### Report For Activity Completion Details:

Volunteer Name	Activity	Village	Completion in %	Description
Krishna	Yuva Shakti	Birava Konda	20	klkl
Krishna	Yuva Shakti	Birava Konda	20	klkl
Krishna	Yuva Shakti	Birava Konda	45	as
Krishna	Yuva Shakti	Birava Konda	12	12 percentage completed
Murali	Yuva Shakti	Birava Konda	20	vbcvbc
Murali	Yuva Shakti	Kotha	100	ghghgh
Anitha	Yuva Shakti	Kotha	20	completd
Anitha	Ratri Badi	Birava Konda	67	ghh
kumar pilla	Ratri Badi	Cheepurupalli	60	fhgf
Murali	Ratri Badi	Kotha	60	edf

### Report For Registered Donors:

VolunteerName	DOR	ContactNo	address
Krishna	12-01-2008	9949554545	kgghjg
Hari	12-02-2008	454564654	kjkkkjkk
sachin	10-10-2008	47646545	bmbmbm
Murali	09-12-2008	+919949383358	kdp,razole,east
GopalKrishna	09-12-2008	755447	ghghgh
kumar	29-01-2009	1234567894	kukatpalli
Ramarao Kota	29-01-2009	99897898997	Hyderabad
Sudheer	29-01-2009	9898999898	Karimnagar
Harsha	12-03-2009	9989899899	Hyderabad
Kaana	12-03-2009	9898987787	Hyderabad

### Admin logout:



### Volunteer Login:

### Activity Monitoring Data:

### Volunteer welcome page:

### Activity Monitoring Data:

### Change Password:

### Report For Activity Completion Details:

ActivityId	ActivityName	ActivityAbbr	ActivityDesc
100	Yuva Shakti	YS	This specially for youth who is under going
101	Ratri Badi	RB	This is for illiterate people who does hav time to learn at day hours
102	Mahila Abhivrodhi	MA	Motivating the women power in village and providing different type of employment facilities
114	Young Talent	YT	we provide the guideness to young people

### Questions an activity:

### Compose Email master:

### News Letters:

### Inbox Details:

Select All	SenderName	Subject	Date
<input type="checkbox"/>	Murthy	hi gopal	13/03/2009
<input type="checkbox"/>	admin	Hi Gops	29/01/2009
<input type="checkbox"/>	admin	hai what r u doing	14/02/2009
<input type="checkbox"/>	admin	phds.cokc	14/02/2009
<input type="checkbox"/>	admin	hi gopal this is test mail from admin	08/03/2009

### Discussion Forum:

**Discussion Forum**

**Questions**

Question: School Implementation Development  
MemberName: Nanda  
Date: 1/21/2009 10:15:43 PM

**Answers For Above Question**

Answer: Very Volunteer Discussions hard work  
Member Name: Nanda  
Date: 2/1/2009 1:04:40 PM

Answer: Multiple types Collected money  
Member Name: Murthy  
Date: 2/1/2009 1:53:22 PM

Answer: only this the ans provided by volunteer  
Member Name: Murthy  
Date: 3/12/2009 5:26:22 PM

Answer: holicas  
Member Name: Nanda  
Date: 8/24/2009 3:28:59 PM

[Click Here To Submit The Answer For This Question](#)

### Sent Mails:

**Volunteer available to chat**

- gopal
- dharanil
- kumar

**Donors**

- sanjay
- srinivas
- mohd
- aseemv
- volun

**Chat Room**

Message:



### Volunteer Available to chat:

### Donor Home:

### Sign Out:

### Donor change password:

### Donor Login:

### Activity Monitoring Details:

Date	Activity	Village	Volunteer Name	Completed/Percentage	Details
10/12/2008	Yuva Shakti	Birava Konda	Krishna	20	kkk <a href="#">Details</a>
10/12/2008	Yuva Shakti	Birava Konda	Krishna	20	kkk <a href="#">Details</a>
12/12/2008	Yuva Shakti	Birava Konda	Krishna	45	as <a href="#">Details</a>
08/03/2009	Yuva Shakti	Birava Konda	Krishna	12	12 percentage completed <a href="#">Details</a>
19/06/2009	Yuva Shakti	Kotha	Anitha	20	copleted <a href="#">Details</a>
				12	

### Village Donation Details:

Participate in Village Charity

Donors | Home | My Account | Donations | Questionnaires | E-Mails | Forums | Sign Out | SANJAY

#### Village Donation Details

Donation ID:   
 Activity Name:   
 Village Name:   
 Donation Amount Expected:   
 Donation Amount Collected till Now:   
 Donation Minimum Amount Accepted:   
 Amount Donated:   
 Remarks For Donation:   
 PaymentType ID:   
 Introduced Volunteer:

### Compose Emails:

Participate in Village Charity

Donors | Home | My Account | Donations | Questionnaires | E-Mails | Forums | Sign Out | SANJAY

#### Compose Emails Master

Select Emails: Admin:  Volunteers:

To:   
 Subject:   
 Body:

Attachment File:  No file chosen

Reds marked with (\*) are mandatory

### Donor Donation Details:

Participate in Village Charity

Donors | Home | My Account | Donations | Questionnaires | E-Mails | Forums | Sign Out | SANJAY

#### Enter Your Donation Details

Village Donation ID:

Village Name:  Payment Type Name:   
 Activity Name:  Total Amount Donated:

Bank Name:   
 Date:   
 Cheque No:   
 Status:

Browse File:  No file chosen

Amount:

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### Inbox Mail:

Participate in Village Charity

Donors | Home | My Account | Donations | Questionnaires | E-Mails | Forums | Sign Out | SANJAY

#### Inbox Details

Select All	SenderName	Subject	Date
<input type="checkbox"/>	admin	information	13.08.2018
<input type="checkbox"/>	admin	Message	13.08.2018

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### Post the Query:

Participate in Village Charity

Donors | Home | My Account | Donations | Questionnaires | E-Mails | Forums | Sign Out | SANJAY

#### Raise Your Question On Activities here..

Activity Name:   
 Village Name:   
 Question Description:

\* are mandatory

### Group Chat:

Participate in Village Charity

Donors | Home | My Account | Donations | Questionnaires | E-Mails | Forums | Sign Out | SANJAY

Volunteers available to chat

- Volunteer Name
- dhara nil
- kumar

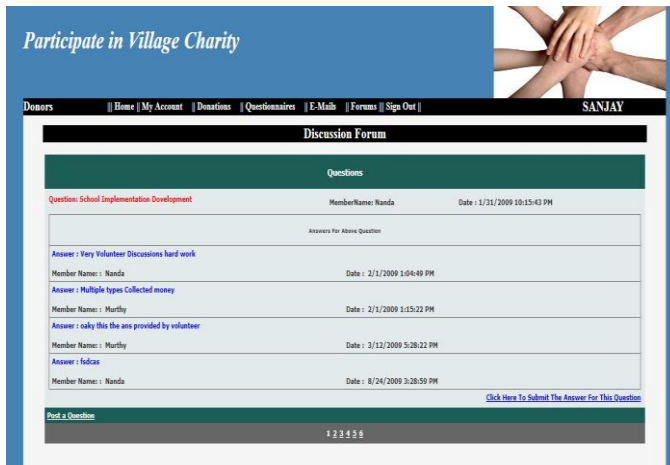
Donors available to chat

- Donors
- sanjay
- sriinivas
- mohd
- aseemv
- volun

Chat Room

Participate in Village Charity ©Copyrights Reserved 2018-19.

## Discussion Form:



## CONCLUSION

The entire project has been developed and deployed as per the requirements stated by the user, it is found to be bug free as per the testing standards that are implemented (Any specification -untraced errors will be concentrated in the coming versions) which are planned to be developed in the near future. The system at present does not take care of lower level check constraints in accessing the file types in distributed environments) which is to be considered in the future up gradations.

As per the present status the project is well equipped to handle the central file system of an organization in the server and provide access to the users with various privileges as prescribed in the system.

## REFERENCES

- [1] Software Engineering By Roger S.Pressman, McGraw Hill International Edition Pressman
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- [3] Asp.Net: The Complete Reference 1st Edition By Matthew MacDonald
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