



ONLINE VILLAGE ADOPTION SYSTEM FOR VOLUNTEERS AND DONORS

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Abstract: Online Village Adoption System these website is very much useful for the any volunteers and donors any person can adopt or denote the village or city or any others places and to make clean and to give the facilities like water, electricity and to clean the village empower marginalized and vulnerable groups in the village particularly to the establish convergence models of resources, manpower to achieve elderly, the women, the youth and the children of the community. Comprehensive development in tune with people's aspirations and potential. To Build partnerships and networking/tie ups with various agencies (NSS Units, NGOS, Industries, Public And Private Sector, NRI) and industries working in and around the village/district for development of the selected village. To document new models of development of rural communities villages and communities.

Index Terms - Village, Adoption, NGOS, NRI.

I. INTRODUCTION

Online Village Adoption System for Volunteers and Donors for Volunteers and Donors this web application is developed for all village and city people through online all villages they can adopt and denote the village through online. To develop this application user friendly and easy to use by the user

The objective is to develop a system through which a group of volunteers can communicate and access information about a village or town development. Countryside Ontogeny is a charity group of professionals those want to voluntarily contribute in their village/town's 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 other to join their initiatives and recognize their contribution.

II. Existing System

In present systems it is difficult to coordinate the activities of all involved users. Often the details of facilities and amenities available in a village are not properly organized and stored. This results in mismanaged activities. Donors and others could not interact with other active members

Drawbacks of Existing System

- Complexity in maintaining large number of data.
- Communication between two users of the system
- The application is very time consuming.
- There is no proper registration for existing system.
- Existing system does not provide the security for the data.
- The application is not secured it is manual in nature

III. Proposed System:

We have taken the user requirements as per user need and we design the web forms and master page in asp.net and to store the all the records in sql server 2008r2. We apply the all modules with validation to all the modules. We gave the security to authentic Person only login. The proposed system maintains a centralized database to store information related to all activities. The system maintains details of all group members and their activities. The system also maintains information regarding donors. System allows one to access the necessary information about the facilities available in a village using this website we get all information about the user volunteers and donors information through online mode. For developing this website we apply the spiral module

Advantages of the Proposed System

- The application is secured and robust.
- The application is distributed in nature.
- The application has to interact with multiple users.
- This system prevents the un-authorized accessing.
- Rich user interface.

IV. Steps for project Development:

Step1: Online Village Adoption System for Volunteers and Donors for Volunteers and Donors

Step2: To Take User Requirement

Step3: To Design Master Page

Step4: To Design the User web forms

Step5: To Make Validation to web forms

Step6: To Create the User web Page

Step7: To Create Admin Web Page

Step8: To Store records in database

V. Methodology used for developing project

The spiral model, originally proposed by Boehm [BOE88], is evolutionary software process model that couples the iterative nature of prototyping with the controlled and systematic aspects of the linear sequential model. It provides the potential for rapid development of incremental versions of the software. Using the spiral model, software is developed in a series of incremental releases. During early iterations, the incremental release might be a paper model or prototype. During later iterations, increasingly more complete versions of the engineered system are produced. A spiral model is divided into a number of framework activities, also called taskregions.6 typically, there are between three and six task regions. Below figure depicts a spiral model that contains six task regions:

Customer communication—tasks required to establish effective communication between developer and customer.

Planning—tasks required to define resources, timelines, and other project related information.

Risk analysis—tasks required to assess both technical and management risks.

Engineering—tasks required to build one or more representations of the application.

Construction and release—tasks required to construct, test, install, and provide user needs.

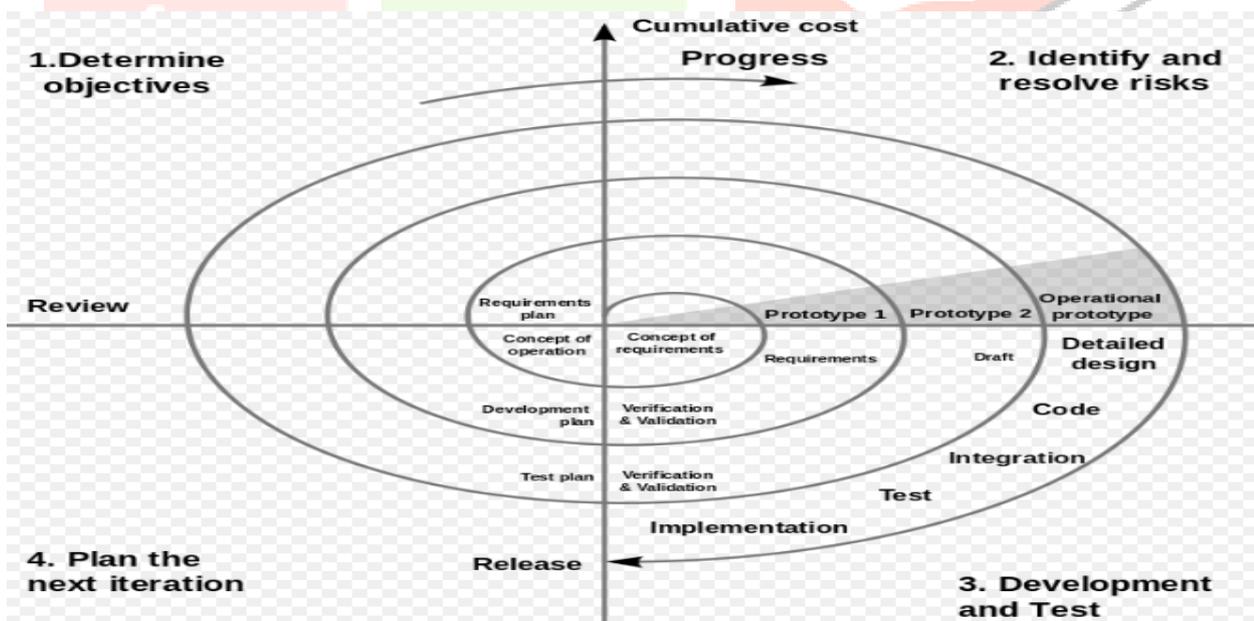


Figure: Spiral model

Advantages of Spiral model:

- High amount of risk analysis hence, avoidance of Risk is enhanced.
- Good for large and mission-critical projects.
- Strong approval and documentation control.
- Additional Functionality can be added at a later date.
- Software is produced early in the software life cycle.

VI. Front End for Design:

About Microsoft .NET Framework

ASP.NET is an open-source server-side web application framework designed for web development to produce dynamic web pages. It was developed by Microsoft to allow programmers to build dynamic web sites, web applications and web services

The .NET Framework is a new computing platform that simplifies application development in the highly distributed environment of the Internet.

The Microsoft .NET Framework is a software technology that is available with several Microsoft Windows operating systems. It includes a large library of pre-coded solutions to common programming problems and a virtual machine that manages the execution of programs written specifically for the framework.

VII. C# (Sharp) for coding:

C# is intended to be a simple, modern, general-purpose, object-oriented programming language. C# (pronounced C Sharp) is a multi-paradigm programming language that encompasses functional, imperative, generic, object oriented, and component oriented programming disciplines. It was developed by Microsoft as part of the .NET initiative and later approved as a standard by ECMA and ISO. C# is one of the 44 programming languages supported by the .NET framework's Common Language Runtime.

C# is an elegant and type-safe object-oriented language that enables developers to build a variety of secure and robust applications that run on the .NET Framework. You can use C# to create traditional Windows client applications, XML Web services, distributed components, client-server applications, database applications, and much, much more. Visual C# provides an advanced code editor, convenient user interface designers, integrated debugger, and many other tools to make it easier to develop applications.

VIII. Back End:

SQL SERVER -2008 R2

A database management, or DBMS, gives the user access to their data and helps them transform the data into information. Such database management systems include dBase, paradox, IMS, SQL Server and SQL Server. These systems allow users to create, update and extract information from their database. A database is a structured collection of data. Data refers to the characteristics of people, things and events.

IX. System Requirement Specification

• Hardware Requirement Specification:

Processor	: Dual core and above
Main Memory	: 4 RAM
Hard Disk Drive	: 500 GB
Monitor	: 15 inch Color Monitor Keyboard
Mouse	: Optical Mouse

• Software Requirement Specification:

Operating System	: Windows 7 and Above
Technology	: Visual Studio 2010
Front End	: C# and Asp.net
Back-End	: SQL Server 2008R2

X. Project Modules

1. User Module: User Login
2. Register Module : New User register through online
3. Administrator Module : Admin can add and delete the user details
4. Volunteers Module : To view the user or volunteers information through online
5. Donors Module : Donor view the information through online

XII. Output Screens

<h3>1. User Login</h3>	<h3>2. Add Volunteer</h3>
<h3>3. User Register</h3>	<h3>4. Admin Login</h3>
<h3>5. New Volunteers</h3>	<h3>6. New Donors</h3>

CONCLUSION

The Online Village Adoption System for Volunteers and Donors is successfully designed and is tested for all web forms and to store records in database accurately and to tested all design forms and to used the validation controls for project During this project we have accomplished all the objectives and this project meets the needs of the organization. The developed will be used in searching, retrieving and generating information for the concerned requests for users and administrators.

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