

Web Application for News Portal

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Abstract—Newsportal provides access to all online Information about the Environment and each information source gets its dedicated area on the page for displaying information. News portal is to provide specific information, selected from newswire sites on the Internet and also by video clips automatically extracted from TV broadcasts and as per the needs of users. The idea to made this project is to develop such web sites which will be very User friendly. This web site is working for peoples who want to share something interesting, knowledgeable, healthy, and entertainment. The traditional media rooms all around the world are fast adapting to the new age technologies. This marks the beginning of news portals by media houses across the globe and such new media channels give them the opportunity to reach the viewers in a shorter span of time than their print media counterparts.

Keywords- SQL, Newswire

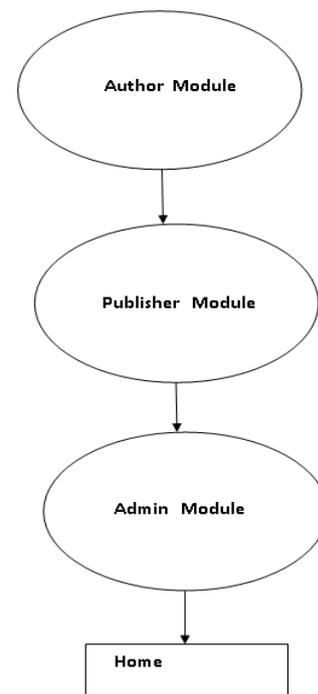
I. INTRODUCTION

A web-based application is any application that uses a web browser as a client. The term may also mean a computer software application that is coded in a browser-supported programming language (such as JavaScript, combined with a browser-rendered markup language like HTML) and reliant on a common web browser to render the application executable.

Web applications are popular due to the ubiquity of web browsers, and the convenience of using a web browser as a client, sometimes called a thin client. The ability to update and maintain web applications without distributing and installing software on potentially thousands of client computers is a key reason for their popularity, as is the inherent support for cross-platform compatibility. Common web applications include webmail, online retail sales, online auctions, wikis and many other functions.

The goal of the project is to construct an web application for news portal that is a Proposed web site software is working for peoples who want to share something interesting, something knowledgeable, healthy, and entertainment. Our web site will give chance to every person to put their innovations, stories, Business ideas and related news with any category providing them membership as author.

II. PROPOSED MODULES



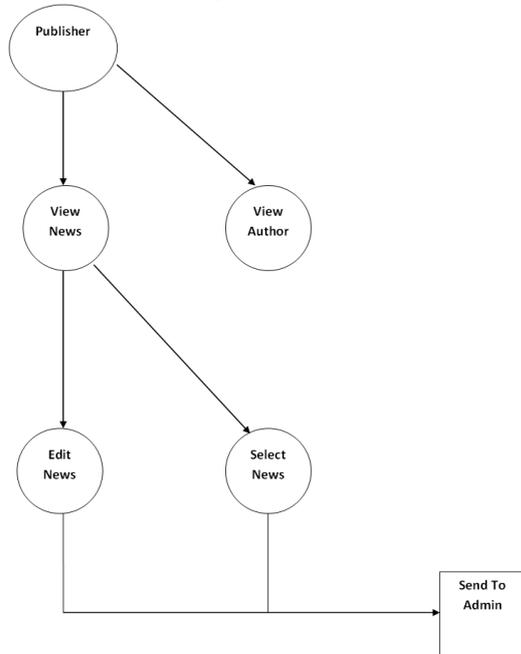
A. ADMIN MODULE:

- Admin module is important module of this web site.
- Admin module have all rights to take decisions about author and publisher.
- Admin will decide which news , story, advertisement will appear on final web site page.

- Admin provides authentication to Author and Publisher.
- Assigning Featured Story a/c to Category for user module.
- Admin will add category for news uploading.

B. PUBLISHER MODULE:

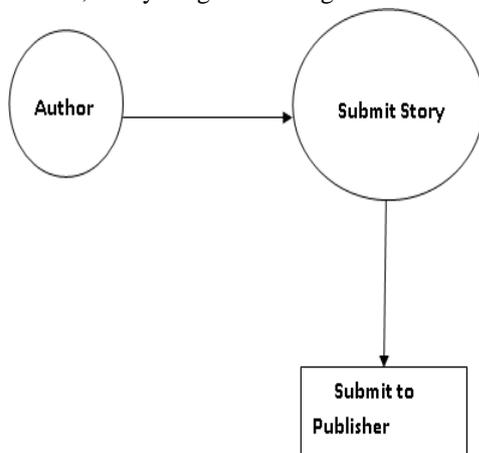
- A news added by authorized Author will be observed first and then tested by publisher.



- Publisher will select a appropriate news and will also edit it if needed ,then
- this selected & well formatted news will appear to admin then admin will take decision on it.

C. AUTHOR MODULE:

- Author module will required registration of user as author , then and only then he will able to upload news, stories ,or anything for sharing on web site.



- Author will only able to interact with publisher not to admin.

- Author just uploads news.

D. USER MODULE:

- This module is nothing but the main home page of web site.
- This page contains recent news, current Affairs, Advertisements , events added by Admin.
- Anyone will use this page to visit it without login.
- User can read the recently added news as per their categories.

III.METHODOLOGY

- Asp.Net- The .NET Framework is a new computing platform that simplifies application Web development in the highly distributed environment of the Internet. The .NET Framework is designed to fulfill the following objectives:
- To provide a consistent object-oriented programming environment whether object code is stored and executed locally, executed locally but Internet-distributed, or executed remotely.
- To provide a code-execution environment that minimizes software deployment and versioning conflicts.
- To provide a code-execution environment that guarantees safe execution of code, including code created by an unknown or semi-trusted third party.
- To provide a code-execution environment that eliminates the performance problems of scripted or interpreted environments.
- To make the developer experience consistent across widely varying types of applications, such as Windows-based applications and Web-based applications.
- To build all communication on industry standards to ensure that code based on the .NET Framework can integrate with any other code.

The .NET Framework has two main components: the common language runtime and the .NET Framework class library. The common language runtime is the foundation of the .NET Framework. You can think of the runtime as an agent that manages code at execution time, providing core services such as memory management, thread management, and remoting, while also enforcing strict type safety and other forms of code accuracy that ensure security and robustness. In fact, the concept of code management is a fundamental principle of the runtime. Code that targets the runtime is known as managed code, while code that does not target the runtime is known as unmanaged code.11

The class library, the other main component of the .NET Framework, is a comprehensive, object- ASP.Net has the following properties:

- **Enhanced Performance:** ASP.NET is compiled common language runtime code running on the server. Unlike its interpreted predecessors, ASP.NET can take advantage of early binding, just-in-time compilation, native optimization, and caching services right out of the box. This amounts to dramatically better performance before you ever write a line of code.
- **Flexibility:** Because ASP.NET is based on the common language runtime, the power and flexibility of that entire platform is available to Web application developers. The .NET Framework class library, Messaging, and Data Access solutions are all seamlessly accessible from the Web. ASP.NET is also language-independent, so you can choose the language that best applies to your application or partition your application across many languages. Further, common language runtime interoperability guarantees that your existing investment in COM-based development is preserved when migrating to ASP.NET.
- **Simplicity:** ASP.NET makes it easy to perform common tasks, from simple form submission and client authentication to deployment and site configuration. For example, the ASP.NET page framework allows you to build user interfaces that cleanly separate application logic from presentation code and to handle events in a simple, Visual Basic - like forms processing model. Additionally, the common language runtime simplifies development, with managed code services such as automatic reference counting and garbage collection[1].

C

C# is intended to be a simple, modern, general-purpose, object-oriented programming language for developing sophisticated professional application for Microsoft window.

It makes use of GUI for creating powerful application. It is an enjoyable language. It just requires dragging and dropping of object on the screen from the tool box which houses those object. This reduces the efforts required on part of user. The language is intended for use in developing software components suitable for deployment in distributed environments.

In addition of being graphical and simple to use C # that has become one of the today's most popular language because it is both inter-operated and compiled. It

handles the most difficult compilation steps that other language use to require use to go through. C# is intended to be suitable for writing applications for both hosted and embedded systems, ranging from the very large that use sophisticated operating systems, down to the very small having dedicated functions.

The following are the advantages C# provides:-

- Interactive Development Environment.
- Visual designers for building Windows and Web applications.
- Compiler.
- Debugger.

Features of C# language:

- Simple
- Type safe
- Versioning: making new version of an application from existing one to work.
- Follows all OOPs paradigm Automatic garbage collection[2]

SQL SERVER 2005:-

SQL Server is a relational database management system (RDBMS) from Microsoft that's designed for the enterprise environment. SQL Server 2005, which provides an enterprise data-management platform with advanced business intelligence functionality and impressive administrator productivity features. It helps you to manage data i.e. the data is stored in a computer database. SQL Server 2005 provides components and tools to help implement a comprehensive, end-to-end business intelligence solution, whatever your analysis and reporting needs are. The data you manage can be virtually anything including:-

- Patient Information.
- Hospital Employees Information.
- Patient Reports, Case files Information.
- SQL SERVER 2005 allows its users to store any kind of data provided user must know what data is to be stored and why you need it to store data.

Storing of any data of any organization is very essential for future retrieval. Thus SQL SERVER 2005 allows the user to store the data any time needed to retrieve it. We can use the data to analyze and print[3].

IV. CONCLUSION

Our project has been appreciated by the organization and this website is very User Friendly.

Our software increases the efficiency, decreases the effort. It has been totally tested and implemented. At present the Applicant can only upload any news file and running locally and cannot be accessed by everyone. It can be deployed on a web server so that anyone connected to the Internet can access it. Our website will give chance to every person to put their innovations, stories, Business ideas and related news, Health also. Anybody will able to share any news with world by using our website.

REFERENCES

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VI. OUTPUT

Login Page



Admin Page



Publisher Page



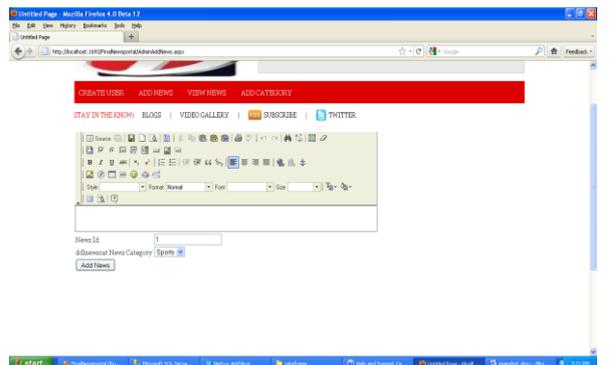
Author Login Page



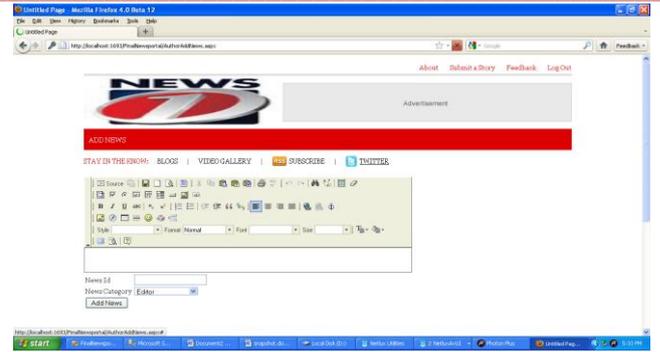
Admin Create User



Admin Add News



Admin View News



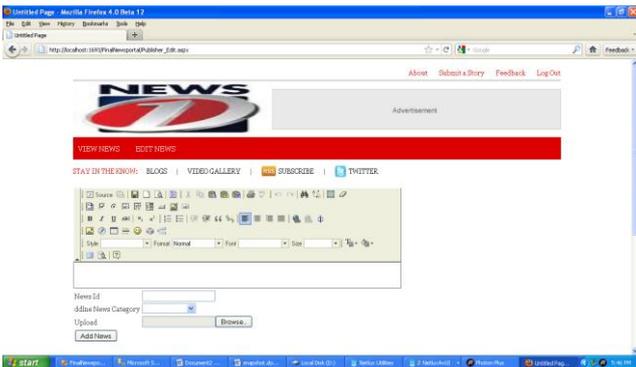
Admin Add Category



Publisher View News



Publisher Edit News



Author Add News