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## Website Generator for eBooks

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Abstract—Today, maximum people know how to use internet, and find it more and more easier to do any kind of work which is possible. As on 31 March 2011, the estimated total number of Internet users was 2.095 billion (i.e.30.2% of world population)[1]. This website is totally self contained and works relatively and efficiently on the package related to the website. It provides simple database rather than complex one for high requirement and it provides a good and easy graphical user interface to both new and naive as well as experienced user of the computer. I will provide the frames which will serve the readers with all the facilities of eBooks.

**Keywords:**—Dynamic web page, Static web page, .Net Tools, Web Server, Web Domain

## 1. INTRODUCTION

I am creating a website builder in which a user can create a e book store website without having any knowledge. It is simplicated, user friendly and free of cost. It is an automatic website creator and can help user give their linking and accordingly website can be generated and save on their system which can be then uploaded on web server to be accessed by any user. I am creating a website builder in which a user can create a website without having any knowledge of any programming language. Web application generator will actually be a website for the use of general public that is for corporate who wish

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to have a website of their own. The remarkable point in this project is that it will take as input some sort of details you would like to publish on the eBooks website and along with this it would show you the various sort of templates that are available from which client can opt according to his wish and the details shall be then merged with this template to produce an eBookStore that can then be published by the client on any of the web server.

E-books can be considered as software objects as well as physical devices. If understood as a software object, an e-book is simply an electronic text that serves the same purpose as a conventional printed book and may also share some of the look and feel of a printed book. E-books may also be enhanced with other electronic features such as embedded hyperlinks, bookmarks, annotation, text searching and the linking of complex multimedia objects and may also be of great assistance for those with disabilities. E-books represent a logical step on the timeline of publishing and the evolution of digital collections.

## 2. METHODOLOGY

## a. Dynamic Web Page

A dynamic web page is a web page that displays different content each time it is viewed. For example, the page may change with the time of day, the user that accesses the webpage, or the type of user interactions with

it[2]. Information on web pages changes or is changed automatically. Sometimes it is possible to spot this technique by looking at a page's file extension. Search engines will currently index dynamic content in a similar fashion to static content[3]. Pages are dynamic in that they can draw ever changing content from external information sources. Pages can provide upload, download functions for eBook Pages are capable of providing interactivity such as: Internal searches within your site, registration and login, personal profile maintenance and authenticated/ secure access to protected and premium content. Information that is already maintained within our website such as eBooks, reader's details can be leveraged as web contents. Access can be granted to allow readers to maintain their own information. Pages and sub-pages may be created based on a universal design or template. Pages may have a modular design featuring panels/ areas for information of certain types on select pages. No software installation is necessary just a web browser.

## b. Static Web Page

Web pages exist as individual files. Some file types that may be familiar: MS WORD DOC .doc, .docx ;MS EXCEL .xls, xlsx; ADOBE FILES: .pdf, .psd, .ai.; Digital Camera Files .jpg, .tiff. Examples of typical static web page files: .htm, .html. Pages typically contain text, hyper links, photos, and graphics. Pages may also contain animated or interactive media such as: Movie Clips (YouTube etc.), Adobe Flash Presentations, Microsoft Silverlight, Other media types. Pages are called static because text, photos, and other content will not change unless the actual web page or file itself is edited. Pages are associated with each other by a menu of links or Navigation Menu. Changes to the main Navigation Menu will require an editing to every web page that contains this menu. Web development software can automate Navigation Menu maintenance. Pages are published by uploading files to a Web Hosting computer, directly from within software. development By transferring individual or groups of files with a file transfer

program. Static Web Page Files are published by physical transfer from the development PC to a Web Hosting Computer.

#### c. DOT NET

.NET is Microsoft's set of unified programming languages that allow developers to create enterprise class, Web and desktop applications across C#, ASP.NET, VB.NET and C++.NET. It includes a powerful set of libraries called the .NET Framework that makes it easier and faster to work than ever before. .NET represents an advanced new generation of software that will drive the next generation internet. Its purpose is to make information available any time, any place and on any device [4]. Core components of .NET

- .NET Infrastructure and Tools
- .NET Services-An integrated set of building block services for the new Internet, including Passport.NET (for user authentication), and services for file storage, user preference management, calendar management, and many others.
- .NET User Experience- A broader and more adaptive user experience, where information is delivered in a variety of ways on a variety of different devices.
- NET Device Software- Enables a new breed of smart internet devices that can leverage Web Services.[5]
- .NET Framework .NET Framework consists of 3 main parts:1) Common Language Runtime 2) Framework Classes/Libraries 3) ASP.NET[6]

A common runtime for all .NET languages- Common type system, Common metadata, Intermediate Language (IL) to native code compilers, Memory allocation garbage collection, Code execution security. Some of the languages supported today are C#, VB, Jscript, Visual C++ from Microsoft Perl, Python, Smalltalk, Cobol, Haskell, Mercury, Eiffel, Oberon, Oz, Pascal, APL, CAML, Scheme, etc.

#### d. Web Server

A Web server is a program that, using the client/server model and the World Wide Web's Hypertext Transfer Protocol, serves the files that form Web pages to Web users (whose computers contain HTTP clients that forward their requests). Every computer on the Internet that contains a Web site must have a Web server program. Two leading Web servers are Apache, the most widely-installed Web server, and Microsoft's Internet Information Server (IIS). Other Web servers include Novell's Web Server for users of its NetWare operating system and IBM's family of Lotus Domino servers, primarily for IBM's OS/390 and AS/400 customers [7]. Web servers often comes as part of a larger package of Internet related programs for serving e-mail, download requests for File Transfer Protocol files and building and publishing Web Considerations in choosing a Web server include how well it works with the OS and other servers, its ability to handle server-side programming, security characteristics and publishing, search engine and site building tools that may come with it.



Figure 1: Client server service

#### e. Web Domain

A website domain or web domain which is sometimes just called a domain, has different related meanings. Most commonly, a website domain is the name of the website or URL and is sometimes called the host name. The host name is a more memorable name to stand in for the numeric and hard to remember, IP

address of a website. This allows the website visitors to find and return to a web page more easily. It also allows advertisers the ability to give a website a memorable name that visitors will remember to come to, hopefully leading to conversions for the web page. The flexibility of web domains allows several IP addresses to be linked to the same website domain, thus giving a website several different pages while remaining at the easily remembered address [8]. The power of any domain name lies in that it gives a website its own unique web address where it could be found and associated with. Let's take for example your brick and mortar store, if it is located in an easy to find place and your clients know how to reach there they will surely come and visit you. If it is not easy for them to follow the way to your site, then no advertising method will be able to bring them there.

## Example of frames-



Figure 1: Generated Template Web Page

#### 3. CONCLUSION

In my web site generator there are large variety of frames for eBook stores with large features and facility. Website of eBook store gives eBooks to book readers which they can read from any location. It also provide features like Surfing books category wise, Searching of Books by text,

Uploading of books, Reading of Book Details, Downloading of books, Providing reading facility without downloading and many more.

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