



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

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 store. 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 the development software. 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 are:

- .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 and garbage collection, Code execution and security. Some of the languages supported today are C#, VB, Jscript, Visual C++ from Microsoft Perl, Python, Smalltalk, Cobol,

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