Document Engineering – Custom Engineering

Technical Manual

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Developer Manual - SE110

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1. INTRODUCTION

We have many authoring and reader tools presently for example pdf creator and pdf reader. Pdf creator is an authoring tool and the pdf document generated by the pdf creator will be rendered by only the pdf reader .Here pdf reader is a reader tool and pdf creator is the authoring tool. Our project deals with the creation of the two tools namely Authoring tool and Reader Tool .Coming to authoring tool it will have 4 different templates and an author creates the document using the authoring Tool. Reader tool will help to read the document created by the authoring tool.

1.1 Purpose

Document Engineering custom EBooks project aims in creating an authoring tool and a reader tool which provides user to create a document based on their required features and customize it, which can be read in the reader tool.

1.2 Scope

This project is aimed to help masses in technical field so that it can provide variety of features to users in a single document like text, Rich text, Images, Videos, Flash applications. The software is developed in C# language.

There a two main users.

a. Document Creator: Creates a document using the authoring tool and has privileges to select the template in which he wants to create the document.
b. Document Reader: Reads the document created by the Document creator using the reader tool.

2.Design Overview

2.1 Design Goals

The goal for this design is to design a system that will create a document and read in a specific tool.

2.2 Requirements

The system must be design and implemented on the following business requirements:

- Platform independent
- Build a document by the author
- Read with the reader tool
- Independent of existing software installations
- Easy to use

2.3 Platform independent

The system should run on Windows or any other Microsoft operating systems.

2.4 Independent of existing software installations

The system should not depend on a particular software installation of a vendor. This means that the system can be installed on any server or workstation in the network infrastructure. The system should be run standalone.

3. External Software Requirements

3.1 HARDWARE INTERFACES

- There are no specific hardware interfaces required by our project.

3.2 SOFTWARE INTERFACES

- We need Microsoft Visual studio 2010 to build our project which supports C#.net platform.
- Windows operating System to install the application
- Active X control software to support audio and video files

4 .Project Installations

This project gives two installation packages to deploy in any machine.

1.Author.exe

2.Reader.exe

To install these two packages doc net environment has to be installed on the machine.

4.1 INSTRUCTIONS TO DEPLOY AUTHORING TOOL

1. Right click on the author.exe and click install.
2. Click on accept prompt.
3. Click on next button.
4. Now select the location to get installed.
5. And click on next and finally finish.
6. A new shortcut named “author” will be generated on the user’s desktop.
7. double click on the shortcut application will start.

4.2 INSTRUCTIONS TO DEPLOY AUTHORING TOOL

1. Right click on the reader.exe and click install.
2. Click on accept prompt.
3. Click on next button.
4. Now select the location to get installed.
5. And click on next and finally finish.
6. A new shortcut named “reader” will be generated on the user’s desktop.
7. Double click on the shortcut application will start.