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Case Study: HTML5 Black Book Website

Kogent Learning Solutions Inc. is a company that writes and publishes books on different technologies, such as Java and .NET. Recently, the company has published a book on the latest version of Hypertext Markup Language (HTML), called HTML5 Black Book, which covers various new features of HTML5 and Cascading Style Sheet (CSS) 3. This book also covers various other Web technologies, such as JavaScript, Extensible Markup Language (XML), and Asynchronous JavaScript and XML (AJAX). The management of the company has also decided to launch a website to provide its users access to various sample articles on the new features of HTML5 and CSS3. Therefore, the company decides to hire a Web designer to design the layout of its website using the features of HTML5 and CSS3. Apart from giving the basic information, this website also displays the demo of the new features incorporated in HTML 5 and CSS 3. In addition, the entertainment section of the website allows users to listen to music, watch videos, play games, or view the image gallery.

The home page of the HTML5 Black Book website contains a menu bar that navigates its users to other pages of the website. The following is a list of menu items provided in the menu bar:

- ❑ **Home** – Provides the first page of the website, which displays a picture slideshow and a list of recent posts of the website.
- ❑ **HTML5 Features** – Contains links to various articles about the new features of HTML5. These articles also contain demos to help you understand these features better. The following are the items contained in the HTML5 Features menu:
 - Editable Content
 - Spell Checking
 - Data Storage
 - Desktop Notification
 - Geolocation

- ❑ **CSS3 Features**—Contains links to various articles about the new features of CSS3. These articles also contain demos to help you understand these features better. The following are the items contained in the CSS3 Features menu:
 - Opacity Effect
 - Transformation Effects
 - Transition Effects
 - Animation Effects
- ❑ **Entertainment Service**—Contains the following links:
 - **Songs**—Displays a list of songs. You can select a song from the list to listen it. Note that you need to replace the song files, given in the music folder of this project, with your own music files.
 - **Videos**—Displays a list of videos. You can select a video from the list to watch it online. Note that you need to replace the video files, given in the video folder of this project, with your own video files.
 - **Games**—Displays a list of online games. You can select a game from the list to play it online. Note that you need to replace the game files, given in the games folder of this project, with your own game files.
 - **Image Gallery**—Displays a collage of images, in which images rotate when you hover the mouse pointer over them. Note that you need to replace the image files, given in the images folder of this project, with your own image files.
- ❑ **Feedback**—Enables you to provide feedback regarding the content of the website.
- ❑ **About Us**—Provides the basic information about the website and the company.

The home page of the HTML5 Black Book website is shown in Figure 40.1:

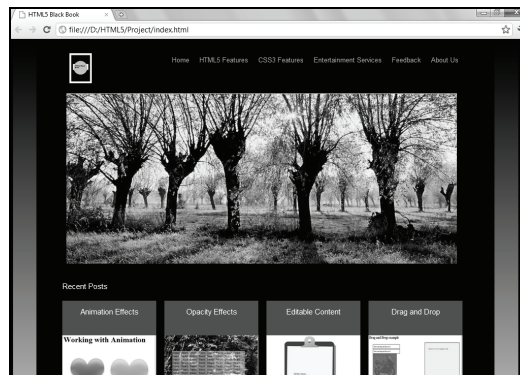


Figure 40.1: Displaying the Home Page of the HTML5 Black Book Website

NOTE

The code files of the HTML5 Black Book website can be found in the CD-ROM provided with this book.

With this chapter, we come at the end of this book. You should now be able to efficiently work with all the Web technologies, such as HTML, CSS, JavaScript, and XML, discussed in this book.