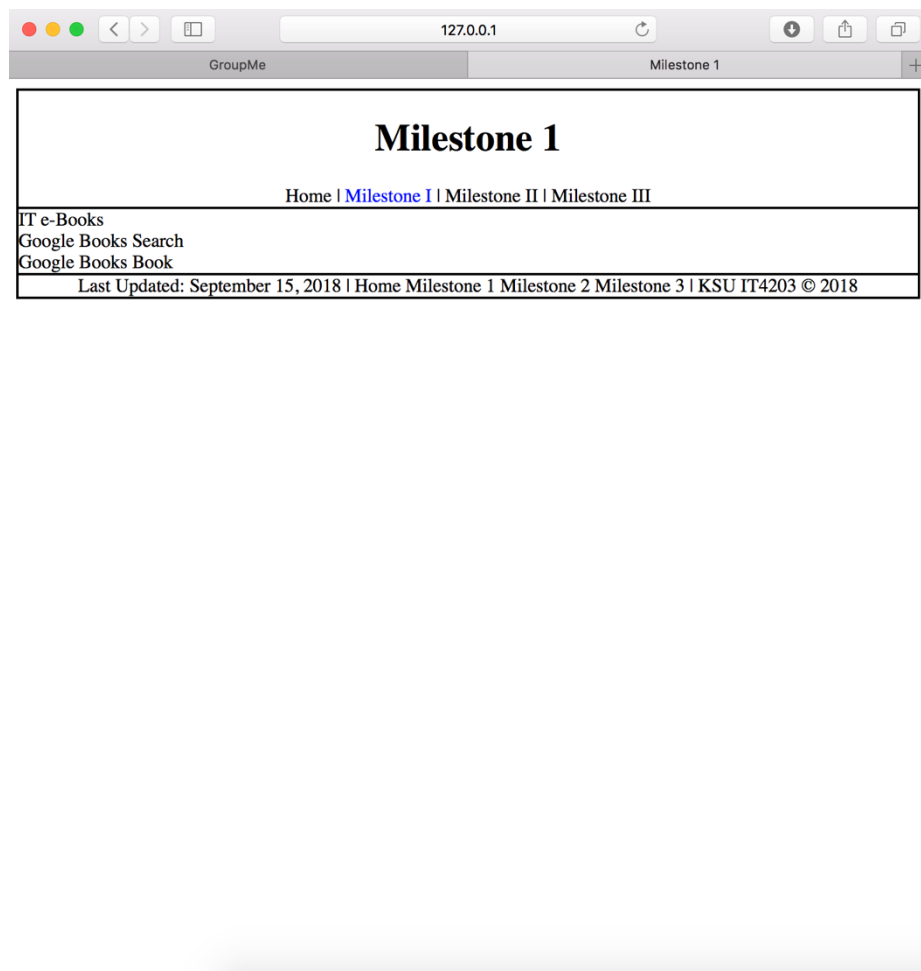


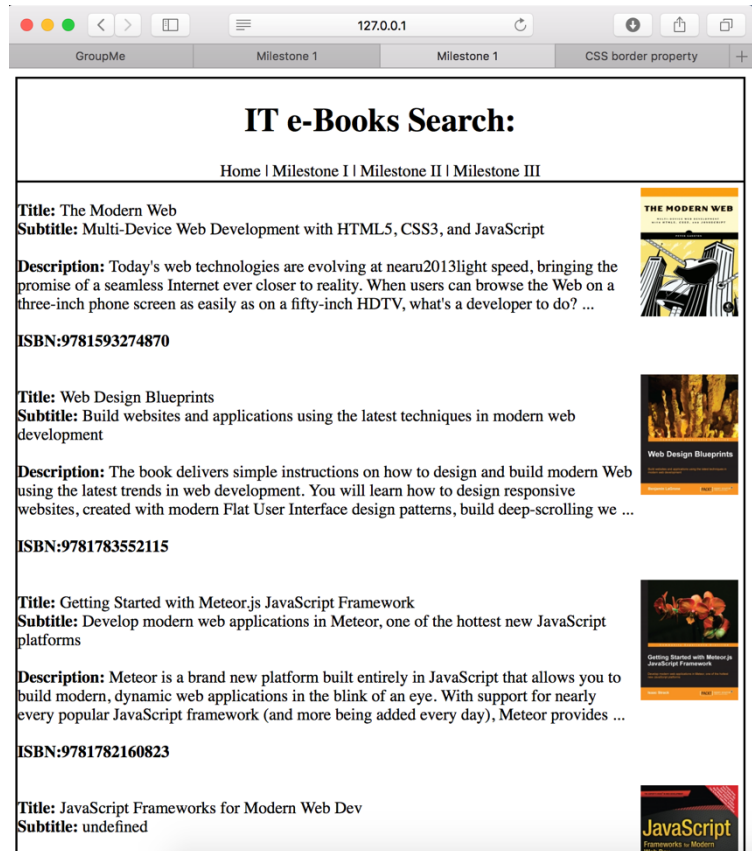
Ian Galler
Advanced Web Development
Professor
16 September 2018

Report Overview

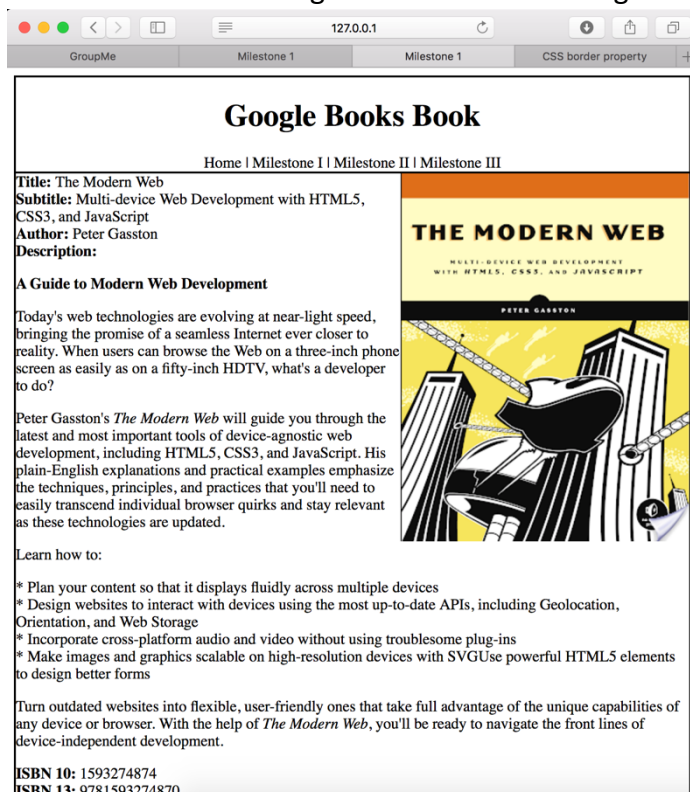
The purpose of this Milestone project/assignment was developing a set of code that would read a json script and print it onto an html webpage. In order to read the json file, JavaScript and the jQuery library were used to complete this process. I originally took Web Development I which used CSS and html, so using JavaScript and json was a new concept to learn. I have used java but not JavaScript. It took a bit to understand how to create a script code that reads the json file and prints the information. HTML and CSS are then used to process that information and organize it into a more readable.



The IT-eBook Search json information was a list of books with their information on it. This included the title, subtitle, author, description and both ISBN numbers. I took the information and printed it in about the same order. Since everything did not need to be fancy I grouped the information together and just displayed it as it was on a basic html page. CSS was used for the font and placement of the images. The images were given padding, so they were not directly touching the site borders.



The same thing was done for the Google Books Book information as well. The only



difference is the json file was for the information about a specific book search. The information was a little difficult to go through because I needed to decide what was most important to be displayed on the website. The file has the main information set to the top and the book description below. All information was formatted and designed in a similar order as the json's information.

127.0.0.1

GroupMe

Milestone 1

Milestone 1

CSS border property

Google Book Search:

Home | Milestone I | Milestone II | Milestone III

Title: The Modern Web

Subtitle: Multi-device Web Development with HTML5, CSS3, and JavaScript

Author: Peter Gasston

Description: Provides information on Web development for multiple devices, covering such topics as structure and semantics, device APIs, multimedia, and Web apps.

ISBN 10: 9781593274870

ISBN 13: 1593274874

Title: The Tangled Web

Subtitle: A Guide to Securing Modern Web Applications

Author: Michal Zalewski

Description: Modern web applications are built on a tangle of technologies that have been developed over time and then haphazardly pieced together. Every piece of the web application stack, from HTTP requests to browser-side scripts, comes with important yet subtle security consequences. To keep users safe, it is essential for developers to confidently navigate this landscape. In The Tangled Web, Michal Zalewski, one of the world's top browser security experts, offers a compelling narrative that explains exactly how browsers work and why they're fundamentally insecure. Rather than dispense simplistic advice on vulnerabilities, Zalewski examines the entire browser security model, revealing weak points and providing crucial information for shoring up web application security. You'll learn how to: * Perform common but surprisingly complex tasks such as URL parsing and HTML sanitization * Use modern security features like Strict Transport Security, Content Security Policy, and Cross-Origin Resource Sharing * Leverage many variants of the same-origin policy to safely compartmentalize complex web applications and protect user credentials in case of XSS bugs * Build mashups and embed gadgets without getting stung by the tricky frame navigation policy * Embed or host user-supplied content without running into the trap of content sniffing For quick reference, "Security Engineering Cheat Sheets" at the end of each chapter offer ready solutions to problems you're most likely to encounter. With coverage extending as far as planned HTML5 features, The Tangled Web will help you create secure web applications that stand the test of time.

ISBN 10: 9781593273880

With Google Book Search, I saw it as a similar group of information to Google Books Book and formatted it to a similar idea. Extra information was provided to show that both Books Book and Book Search are different in a few other aspects. I decided not to add maturity level, page numbers and a few other data because not many users look at it. I also was not sure where I would exactly put the information and I am not sure I currently know where I would have put that information.

Seeing as this is my first-time using JavaScript, jQuery with html and CSS methods, it is fairly sloppy looking or at the most basic organization. Over time and throughout the semester I am sure it will be