Final Web Project

COMP 2280 – Website Design and Development



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# Business Statement

Samuel McPherson is a self-publishing fantasy author from Hudson’s Hope BC. As a self-publishing author, traditional publication methods like bookstores are limited due to lack of connections and personnel. As such, McPherson relies on newer methods of publishing like email and online stores. For self-publishing authors it is very important to grow and maintain a loyal fan base as they will be the first ones to buy new titles and promote books to their friends and families, as traditional methods of promotion are limited. They must be both an author and an influencer.

# Project Objectives

This project aims to provide a central area for the author’s fans to learn about the author, connect with the series, and buy books. The website provides a place for the audience to learn about upcoming events like book signings or new releases through the interactive calendar and blog-style home page. It also is a place for them to find and purchase a new book they might love.

# Benefit to the Business

This web page is made to benefit the self-publishing author Samuel McPherson. The site aims to do three main things to improve McPherson’s business: sell books, promote the author, and promote fan interaction. To sell books, the site includes a page to buy his books using html forms and JavaScript. To promote the author, the site includes information about the author, links to his social media, and numerous events. The final part of the website, to promote fan interaction, is very important for a self-publishing author as it is one of the main methods of advertising. This includes various audience interaction events like livestreams and book signings.

# Cross-link

\*In excel format in “Other” folder titled “Cross-link page”

|  |  |  |  |
| --- | --- | --- | --- |
| **HTML (3.2.1)** | | | |
| Section | Requirement | Location | Line Number |
| A | Section element tags used in structural sectioning | All HTML files | - |
| B (I) | Inline images static | books.html | 24 |
| B (II) | Inline images clickable | index.html | 115-117 |
| C | Background image | calendarStyles.css | 6 |
| D | Special character | footer\_update.js | 7 |
| E | <meta> tag | events.html | 5 |
| F | Footer with links different from the top | index.html | 112-118 |
| G | Footer updated with JavaScript | index.html | 9 |
| **CSS (3.2.2)** | | | |
| A (I) | Appearance of paragraphs | styles1.css | 64 |
| A (II) | Appearance of lists | index\_styles.css | 37-40 |
| A (III) | Appearance of headers | styles1.css | 18-26 |
| A (IV) | Appearance of background image | calendarStyles.css | 9 |
| A (V) | Appearance of table | calendarStyles.css | 17-37 |
| A (VI) | Appearance of form | cartStyles.css | all |
| B | Contextual selector | bookStyles.css | 36 |
| C (I) | Color (RGBA) | calendarStyles.css | 3 |
| C (II) | Color (HSLA) | bookStyles.css | 7 |
| D (I) | Use of pseudo-class for links | styles1.css | 42 |
| D (II) | Use of structural pseudoclass 1 | purchaseStyles.css | 56 |
| D (III) | Use of structural pseudoclass 2 | styles1.css | 42 |
| E(I) | Background style | styles1.css | 8 |
| E(II) | Use of padding | bookStyles.css | 46 |
| E(III) | Use of margin | aboutStyles.css | 5 |
| E(IV) | Use of borders | aboutStyles.css | 12 |
| E(V) | Use of border style | calendarStyles.css | 27 |
| E(VI) | Use of rounded corners | index\_styles.css | 23 |
| F (I) | Grid layout | bookStyles.css | all |
| F (II) | Float layout | index\_styles.css | 20, 26, |
| G (I) | Text shadow | calendarStyles.css | 36 |
| G (II) | Box shadow | bookStyles.css | 7 |
| H (I) | Semi-transparent image 1 | calendarStyles.css | 9 |
| H (II) | Semi-transparent image 2 | Cart.html | 79 |
| **Web Form (3.2.3)** | | | |
| A | Use of form elements | Purchase.html | all |
| B | Style to web form | purchaseStyles.css | all |
| C | Inline-validation using focus pseudoclass | purchaseStyles.css | 30 |
| **Web Table (3.2.4)** | | | |
| A | Have one | calendar.js | all |
| **Multimedia (3.2.5)** | | | |
| A | Use of video | index.html | 74-76 |
| B | Use of transition/animation | bookStyles.css | 48, 51-52 |
| **JavaScript (3.2.6)** | | | |
| A | Use of system date | calendar.js | 4 |
| B | Form input validation | purchase\_update.js | 36-58 |
| C | Use of alerts for validation | purchase\_update.js | 58 |
| **Responsive Design (3.2.7)** | | | |
| A | Is responsive | n/a |  |
| C | Responsive image | Cart.html | 79 |
| D | Responsive web form | Cart.html/cartStyles.css | all |