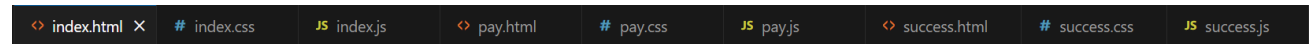# Book website report

Saul Needham

The report should be composed of a series of screenshots in Sections A, B, C; a brief explanation in Section A, and a usability/accessibility checklist in Section D.

Contents

Section A: Directory Structure

Screenshot and supporting text of directory structure and contents. Explain how the files are connected in this structure.

<> index.html ✕	# index.css	JS index.js	<> pay.html	# pay.css	JS pay.js	<> success.html	# success.css	JS success.js

Within my main 'root' folder, I have 3 main folders along with 3 HTML files. The three different folders are:
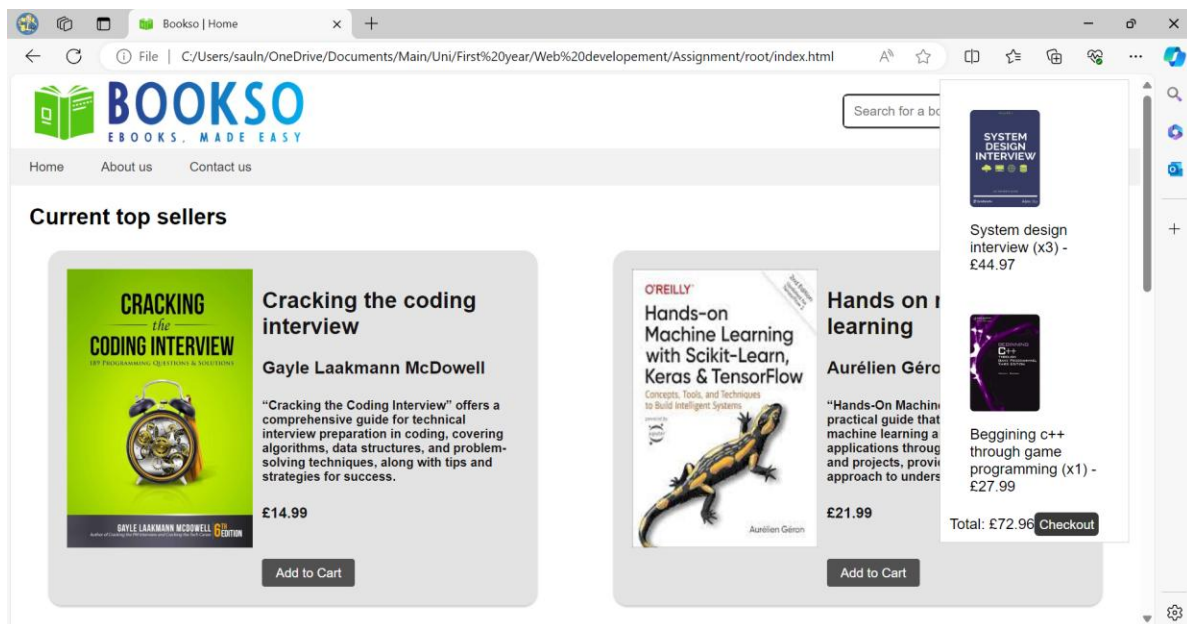
- A CSS folder holding the CSS files for their respective HTML files
- An images folder holding the icons and logos for the webpage
  - The images folder holds an additional one within it containing the book JPEG's – for the means of organisation
- A JS folder holding the JavaScript files for their respective HTML files

Finally, there is an additional 'tree.txt' file, to display the structure on the root file below. This was generated using the '`tree /f > tree.txt`' command in the roots terminal. I later removed this file however for the purposes of submitting only necessary files.
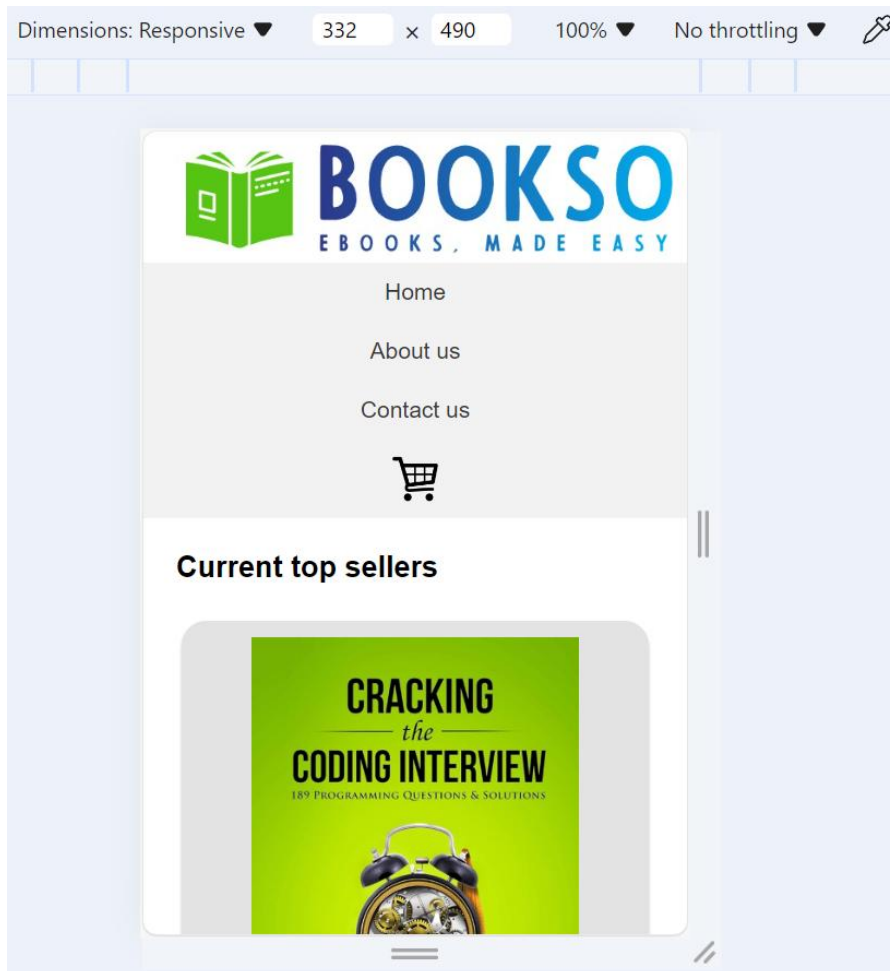
```
Folder PATH listing for volume OS
Volume serial number is 4AA7-7C93
C:.
a    index.html
a    pay.html
a    success.html
a    tree.txt
a
+---css
a        index.css
a        pay.css
a        success.css
a
+---images
a    a    bookso-favicon.jpg
a    a    bookso-logo.jpg
a    a    cart-icon.jpg
a    a
a    +---Book JPGs
a            Beggining C++ through game programming.jpg
a            Cracking the coding interview.jpg
a            Hands on machine learning.jpg
a            JavaScript The definitive guide.jpg
a            Programming interviews exposed.jpg
a            System design interview.jpg
a
+---js
         index.js
         pay.js
         success.js
```
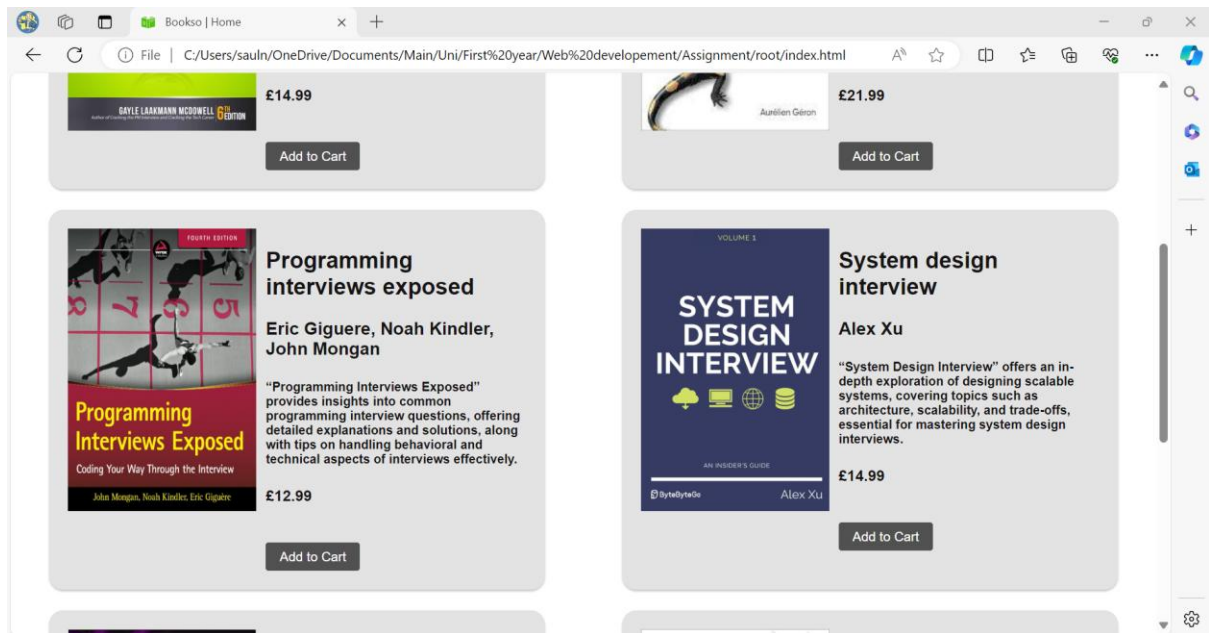
Section B: Front-End

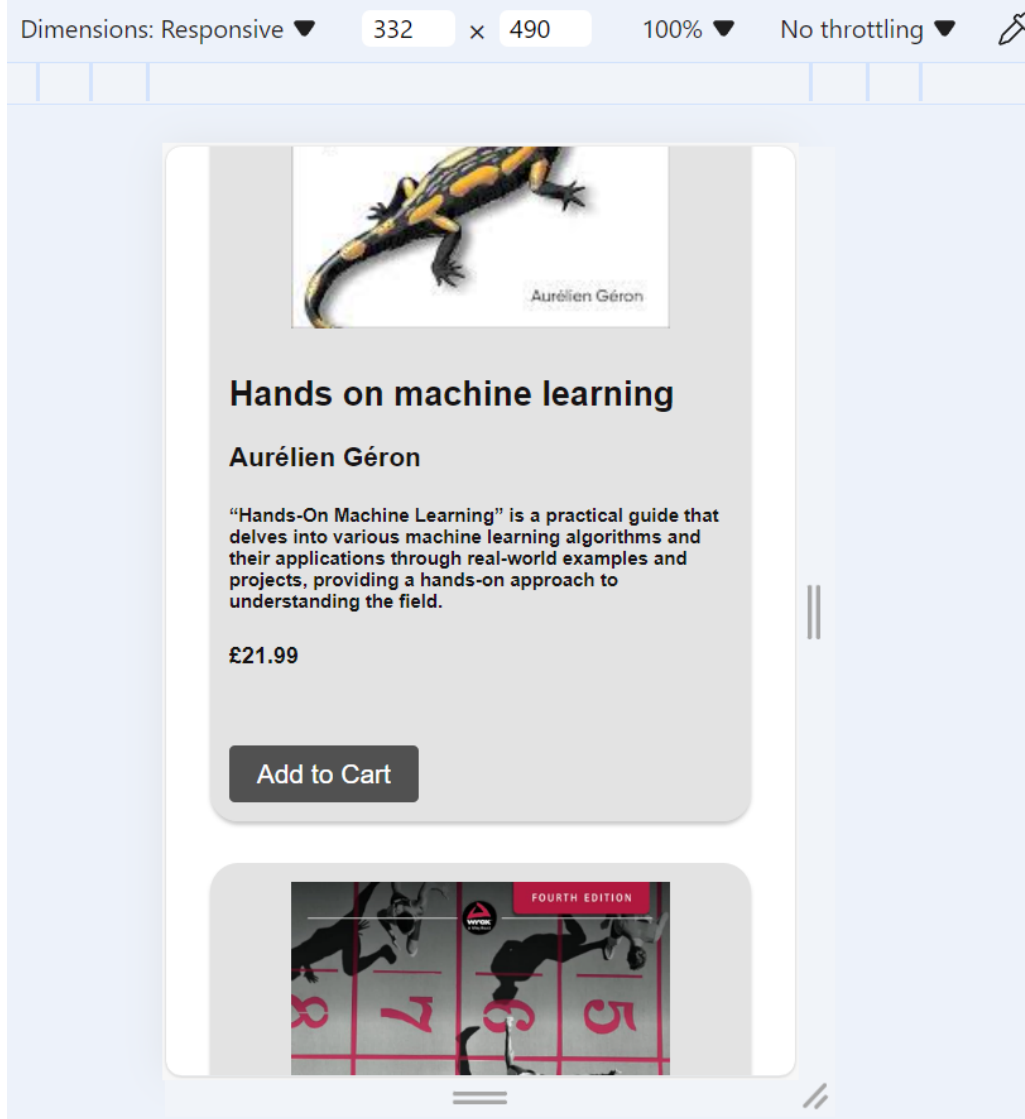Screenshot of homepage, index.html, in desktop view and smartphone view.



Desktop view 1

Mobile view 1

Add to Cart

Add to Cart

Programming interviews exposed

Eric Giguere, Noah Kindler, John Mongan

"Programming Interviews Exposed" provides insights into common programming interview questions, offering detailed explanations and solutions, along with tips on handling behavioral and technical aspects of interviews effectively.

£12.99

Add to Cart

System design interview

Alex Xu

"System Design Interview" offers an in-depth exploration of designing scalable systems, covering topics such as architecture, scalability, and trade-offs, essential for mastering system design interviews.

£14.99

Add to Cart

Desktop view 2

Dimensions: Responsive ▼   332   ×   490   100% ▼   No throttling ▼

Hands on machine learning

Aurélien Géron

"Hands-On Machine Learning" is a practical guide that delves into various machine learning algorithms and their applications through real-world examples and projects, providing a hands-on approach to understanding the field.
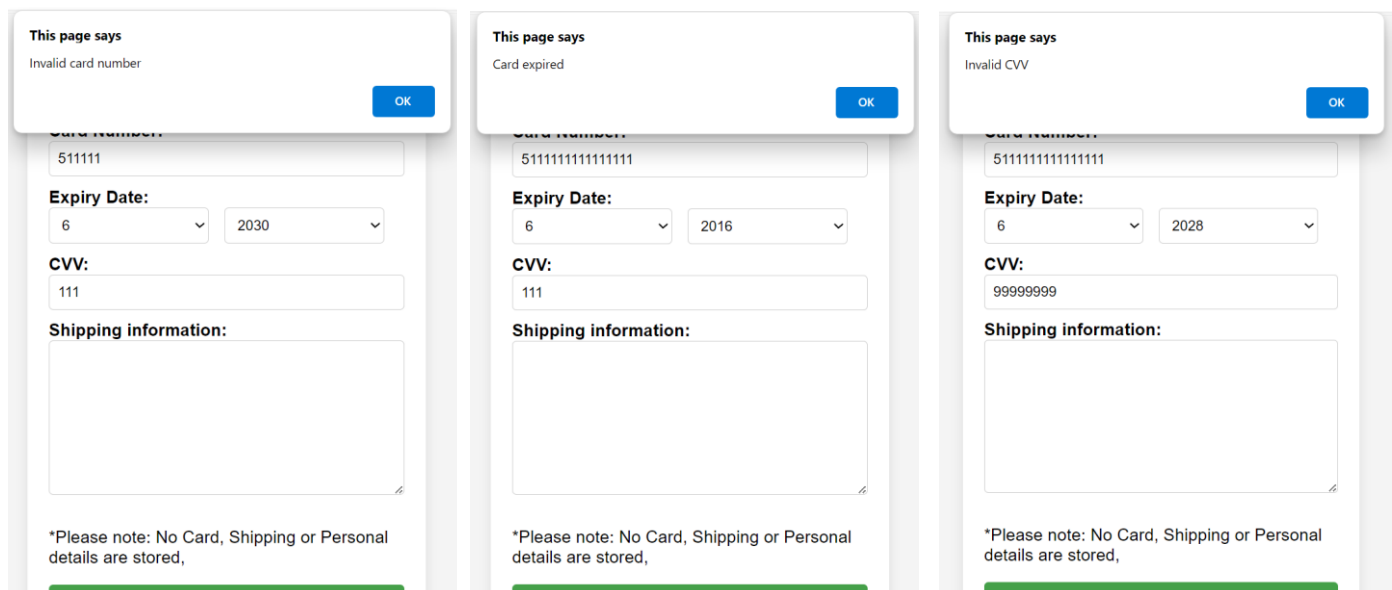
£21.99

Add to Cart

FOURTH EDITION

Mobile view 2

Section C: RESTful

Screenshot of raw data in JSON sent to the server; Screenshot of JavaScript verification of wrong credit card details FAILING the verification process; Screenshot of on success (200 OK from the server) the message.
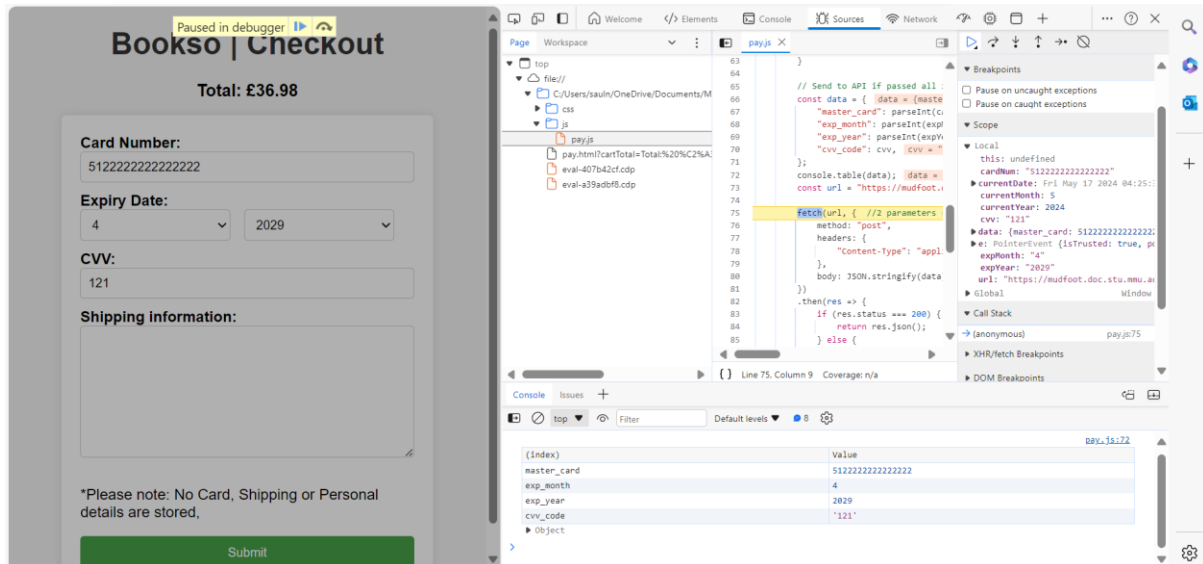
Successful card input with raw JSON data

Validation errors for card inputs

Section D: Usability and Accessibility

Checklist Implement features to address usability and accessibility. List your features, explaining briefly how each benefits usability and/or accessibility.

- Cart feature – to allow users to purchase multiple books at once.
- Simplistic design – allows users to navigate easily and efficiently.
- Consistent design – professional and similar look across all 3 main pages.
- Mobile design – added different menu and panel layout for mobiles.
- Navigation bar – responsive and nicely formatted nav bar for optimal user experience.