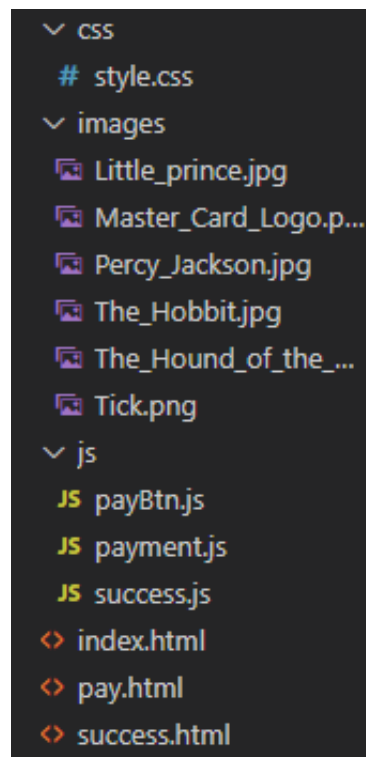


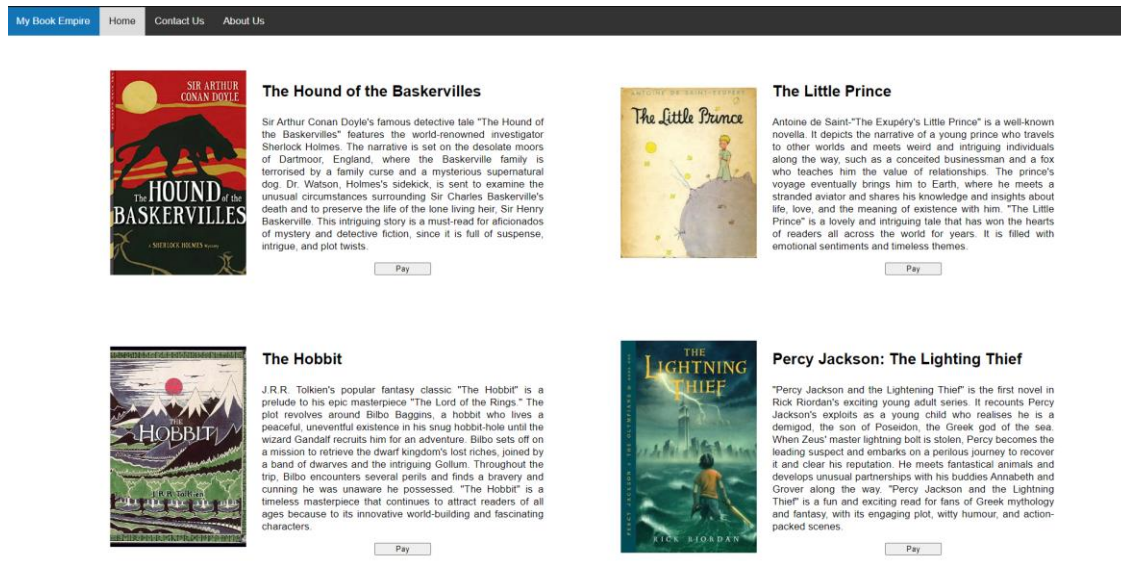
Section A: Directory structure



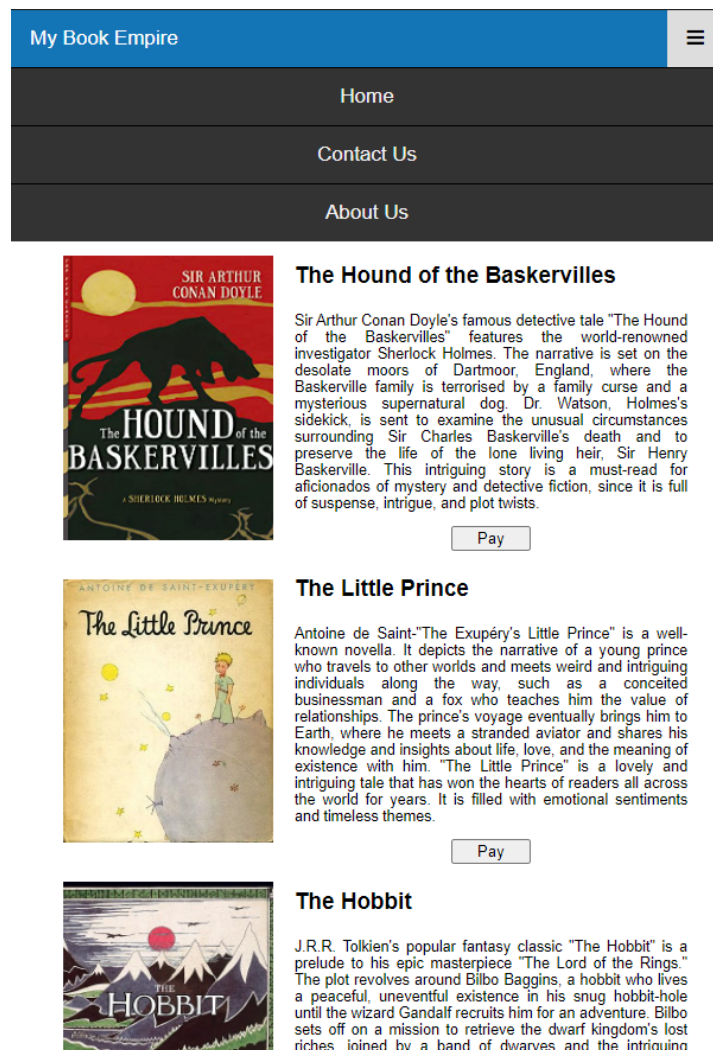
The above screenshot shows my directory structure. In the root folder, all HTML files are stored as well as 3 other folders: “CSS”, “images”, and “js”. As the names suggest in the first folder there is a CSS file which is responsible for all visual appearance. In the second folder, all images are stored with easy to recognise names. In the “js” folder, we can find all JavaScript files which allow different functionalities. Also, as you can notice for every HTML file there is a corresponding js file to make sure which functionalities are connected to the specific page. The whole structure might be considered “old school”; however, it is the easiest to understand and intuitive way of storing files because when you need to access a specific type of file you intuitively know to which folder you should investigate.

Section B: Frontend

Desktop view:



Smartphone view:



Section C: RESTful

Screenshot of raw data in JSON sent to the server:


```
data:
  cvv_code: "123"
  exp_month: 3
  exp_year: 2024
  master_card: 5512345671234567
```

Screenshot of JavaScript verification of wrong credit card details failing the verification process:

[My Book Empire](#) [Home](#) [Contact Us](#) [About Us](#)

Payment Options

Debit / Credit Card



Card Number

1234516352354254

Invalid card number! Remember your card must consist of 16 digits and starts with 51, 52, 53, 54 or 55!

Expiration Date

Month 02 Year 2023

Your card is expired! Try to use different card.

Security Code

34113

(3-4 digit code normally on the back of your card)


Invalid Security Code! Remember that CVV should consist of 3 or 4 digits! You can normally find it on the back of your card.


Continue

Screenshot of on success (200 OK from the server) the message:

[My Book Empire](#) [Home](#) [Contact Us](#) [About Us](#)

Thank you for your payment



Debit / Credit Card  You've just paid using **** * 3412

Section D: Usability and accessibility checklist

- Added 'alt' text attribute to every image – improves accessibility for those with visual impairments or those who use screen readers. The 'alt' text will be read by screen readers which would help with picturing page's content.
- Provided navigation – improves usability by helping users find what they are looking for swiftly and easily.
- Accessible in desktop and mobile version - being able to access website from different devices make it more accessible.
- Used accessible font (Arial, then Helvetica, then sans-serif) - improves accessibility by making the text easier to read especially for those with visual impairments.
- Sufficient contrast – promotes accessibility by making the content simpler to read.
- Intuitive design – increases usability by making it easy to explore the website.
- Declared English as the language my pages are written in – makes the product more accessible as screen readers will know how to read the content and people might browse in their preferred language.
- Meaningful page titles – enhances usability by allowing users to find the information they require more easily.
- Titles for buttons – improves usability by making it easy for consumers to understand the functionality of the buttons.