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24/4/2023

COSC2430:Web Programming

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a. Introduction

The project is about creating a website 5 pages of a bookstore. The project's main scope is to help the student use all of their skill in web development to create a website similar to a standard e-commerce web about books. This document will show the process of making 1 website for a student

b. Project Description

  i. The website consists of 5 pages:
    1. 'Home' page
    2. 'Entertainment ' page
    3. 'Skill' page
    4. 'Book detail' page
    5. 'Contac us' page

All of the websites should have a header and a footer with a navigation bar inside and place on the right. On the left side, there will be an RMIT logo which can be clicked on and travel back to the main page. The header navigation bar has links to the two other categories page. The footer, it have About Us, Privacy Policy, Terms, Copyright, and Contact Us (which have a link). When the width of the page is near the phone size, the navigation bar will be replaced with a '≡' icon and the navigation bar will be vertical and only be shown if the user hovers the mouse.

The main page consists of 2 categories which are ''Entertainment ' and 'Skill' respectively with a total of 6 books. In the end, there is a video name 'RMIT Vietnam Overview 2022' by RMIT University Viet Nam.

Both the category have a similar structure with 3 subcategories and 3 book in each subcategory which make a total of 18 books

The 'Book detail' page uses the ' HTML and CSS: Design and Build Websites Paperback' and the subject. Inside the page will be a breadcrumb with links leading back to the previous page. One image is from the original book and the others are from the HTML and CSS code of the project. Below is a description of the book while the price is on the right side. When the window is small, all of the images is moving downward with the price

The 'Contac us' page will have a basic form for the user to add their information. the submit button will not be sent anywhere because it has not connected to any database currently

The important part of the project is that most of the part can be divided into sections using the "div" tag

c. Implementation Details

 i. Feature:

  1. All of the fonts of the name of books in categories and subcategories is 'Xanh Mono' (https://fonts.google.com/specimen/Xanh+Mono?category=Monospace)

  2. The navigation bar can be hovered and changed from horizontal to vertical

  3. The background and the book name colour choose because of personal preference while the navigation bar and other text are based on RMIT's brand guidelines

 ii. Problem:

  1. The footer has the same background colour as the overall website

  2. The footer did not go under the video

  3. The navigation bar opens under the picture on the book page when the small screen is active

  4. The navigation bar move instantly

d. **Conclusion**

After the project, there are a lot of problems that need to be tackled. Personal time management is very limited. Even though the project started very early, most of the work is finished at the very end. Moreover, there was some technical problem that could only be dealt with at the end

In the future, I will be adding a database in order to store customers' data using SQL and Python. More book detail will be added. The book's amount and variation will increase significantly

e. Reference

https://www.w3schools.com/html/default.asp
https://developer.mozilla.org/en-US/
https://replit.com/(as coding platform)
https://fonts.google.com/specimen/Xanh+Mono?category=Monospace
(font for website)