

TECHNICAL REPORT

Hau Nguyen – S3978175
Assignment 1: Static Website Project

Web Programming
COSC2430

April 2023



CONTENTS

a. Introduction.....	
b. Project Description.....	
c. Implementation Details.....	
d. Conclusion.....	
e. Reference.....	

a. Introduction

The objective of this project is to create an online bookstore using only HTML and CSS. The website will have a home page with information about book categories, a contact page, a book detail page, and a video to introduce the store to customers. The general scope of this report is to provide in-depth information on the technical aspects and features of the system, along with the implementation details and any extra bonus features or work implemented beyond the required features.

b. Project Description

As part of this project, I designed and implemented a simple online bookstore using HTML and CSS. The website consists of a home page with information about book categories, a contact page for users to buy or sell books, and a book detail page for the book "A Brief History of Time" by Stephen Hawking. The website also includes a video to introduce the store to customers and a navigation bar to let users know where they are.

In the home page, users can choose between two book categories: fiction and nonfiction. Within each category, there are subcategories. In fiction, there are romance and fantasy, while in non-fiction, there are history and science and technology. The book detail page contains information about the book, its author, and its publisher.

To implement the website, I utilized my knowledge of HTML and CSS. I made sure to follow the specifications provided and included the necessary features. I designed the website to be user-friendly and easy to navigate. I also ensured that the website was responsive, meaning that it would adjust to different screen sizes and devices.

c. Implementation Details

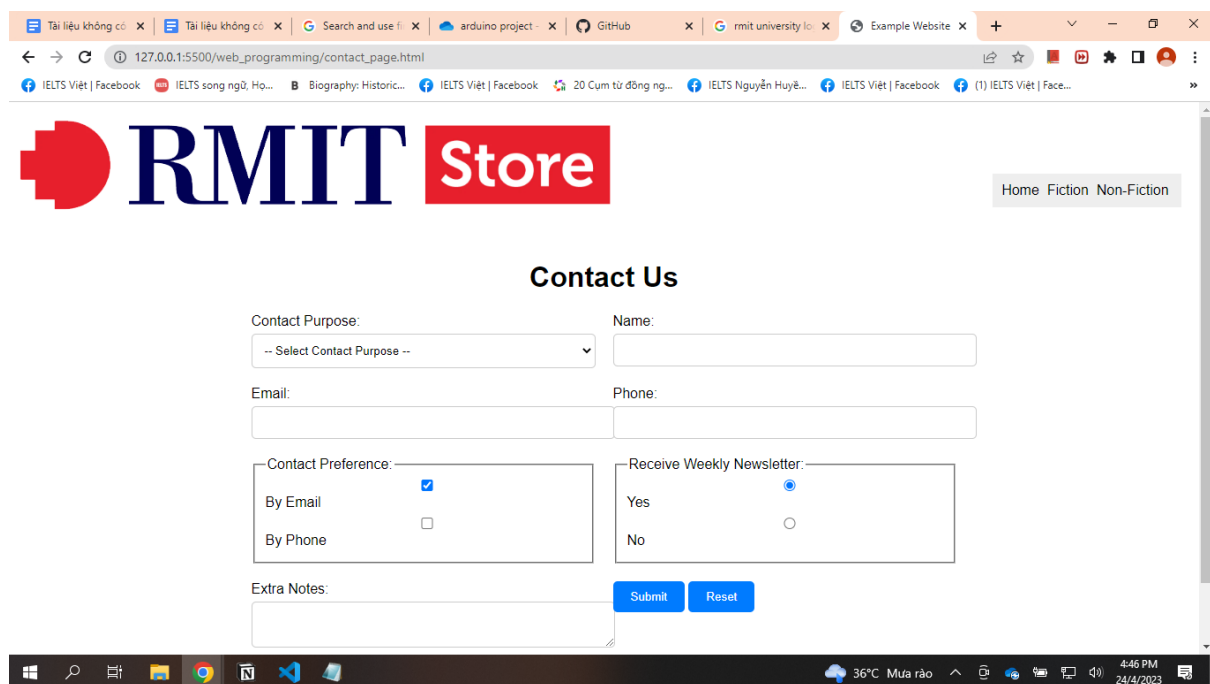
To implement the online bookstore, I started by creating the basic layout of the website using HTML. I used CSS to style the website and make it visually appealing. I made use of CSS grid and flexbox to create a responsive design that would adjust to different screen sizes.

In the contact page, I created a form using HTML, which users could fill out to buy or sell books. In the book detail page, I included an image of the book cover, as well as information about the author, publisher, and other details.

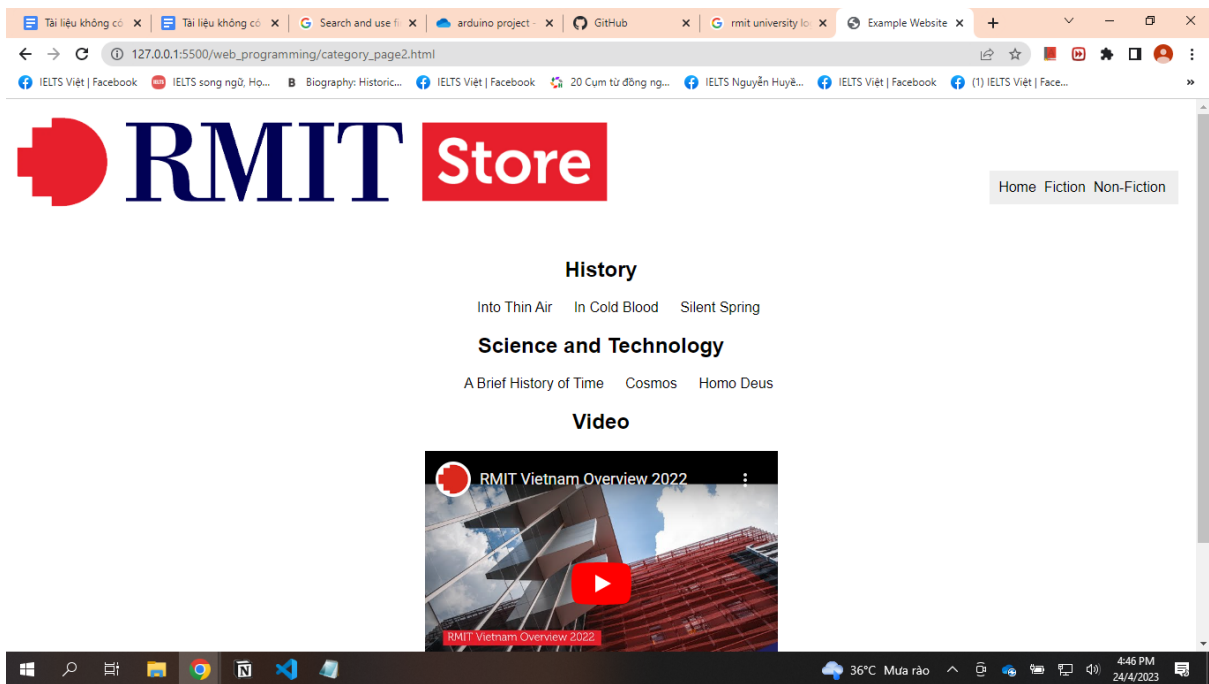
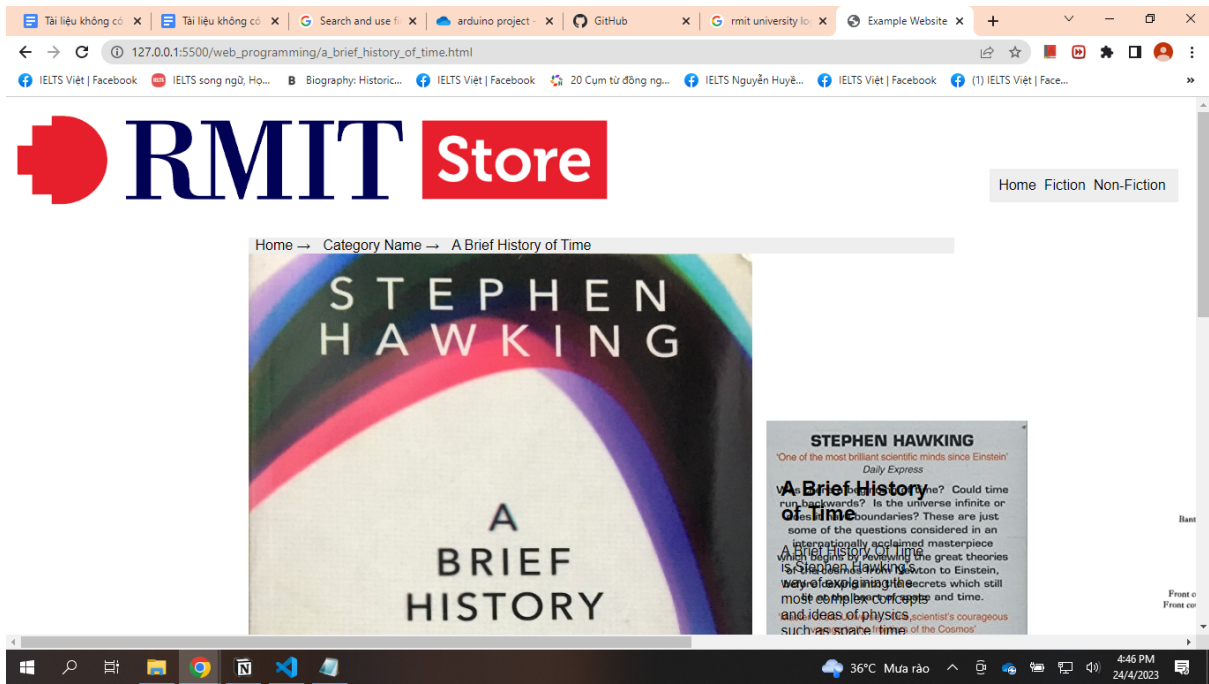
One of the bonus features I implemented was the video introduction, which users could watch to learn more about the store. I also added a navigation bar to make it easier for users to navigate the website.

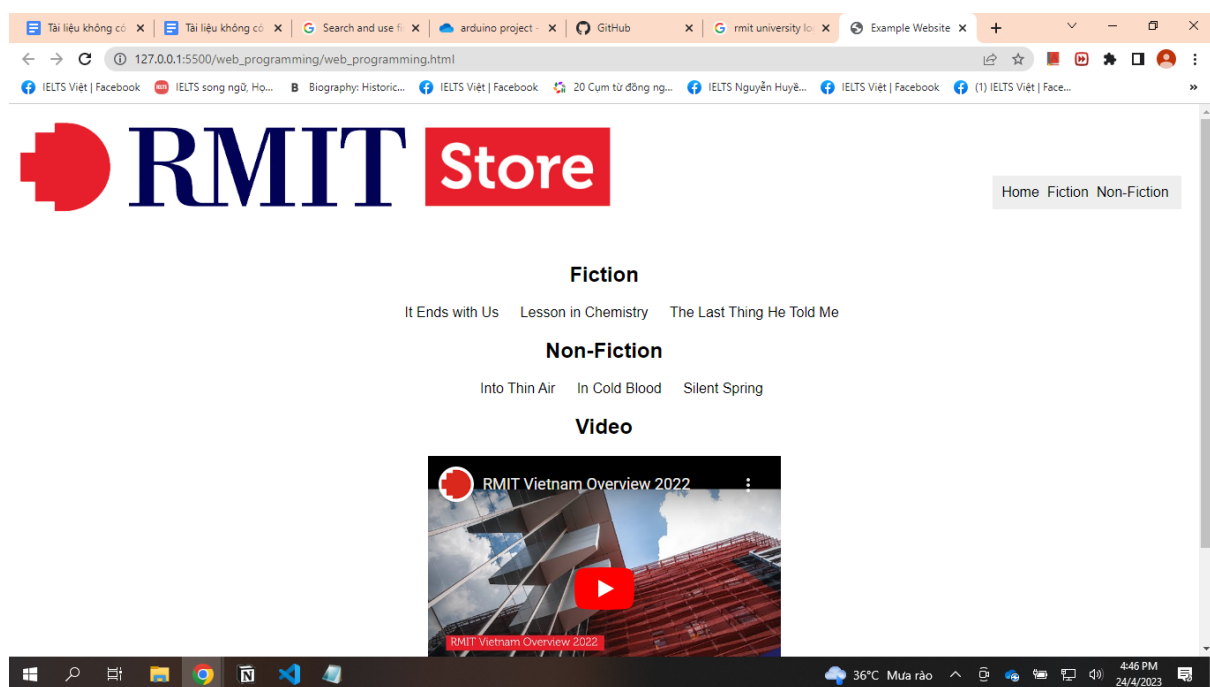
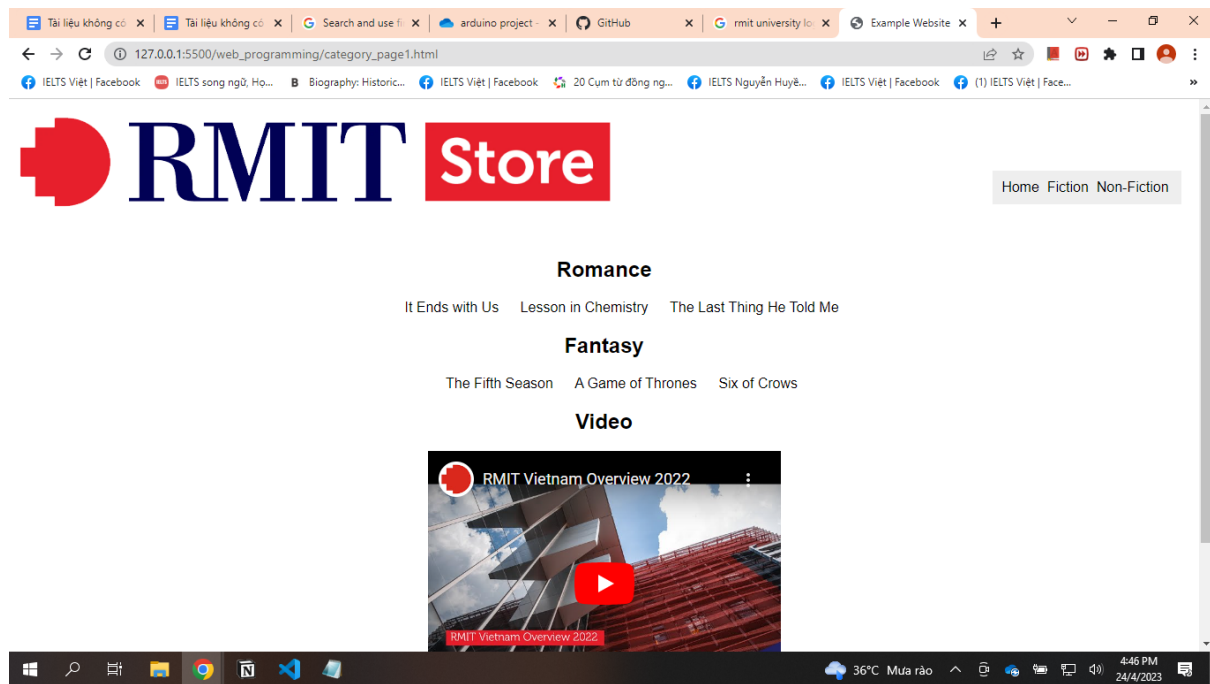
List of Features Completed:

- Home page with book categories
- Subcategories for fiction and non-fiction
- Contact page with form for buying or selling books
- Book detail page for "A Brief History of Time"
- Video introduction
- Navigation bar



The screenshot shows a web browser window displaying the 'RMIT Store' contact page. The browser's address bar shows the URL '127.0.0.1:5500/web_programming/contact_page.html'. The page features a navigation bar with links for 'Home', 'Fiction', and 'Non-Fiction'. The main heading is 'Contact Us'. The form includes fields for 'Contact Purpose' (a dropdown menu), 'Name', 'Email', and 'Phone'. There are two sections for preferences: 'Contact Preference' with radio buttons for 'By Email' (selected) and 'By Phone', and 'Receive Weekly Newsletter' with radio buttons for 'Yes' (selected) and 'No'. An 'Extra Notes' text area is at the bottom, followed by 'Submit' and 'Reset' buttons. The Windows taskbar at the bottom shows the system clock as 4:46 PM on 24/4/2023.





Known Bugs/Problems:

- The Book Detail Page has some displaying problems with it that I have not yet fixed

d. Conclusion

In conclusion, I was able to successfully implement a simple online bookstore using only HTML and CSS. By following the specifications provided and utilizing my knowledge of HTML and CSS, I was able to create a user-friendly and responsive website that met all the requirements. The website includes all the necessary features, as well as a few bonus features, such as the video introduction and navigation bar.

In terms of future work, there is room for improvement in terms of design and functionality. For example, I could add more book categories and subcategories, as well as more book detail pages. I could also add functionality for users to create accounts and save their favorite books.

e. Reference

In this project I sometimes have to ask for advice from ChatGPT (<https://chat.openai.com/>) to carry out coding some of the functions that I have no clue how to do, which takes up about 20%~30% of the code I have written.