# INTRODUCTION

## Background of Study

* 1. COVID-19 is one of most serious crises in modern history, and it came as a shock to medical professionals, governments, businesses, and individuals all across the world. Many countries and politicians were adopting bold and strict measures to stop the virus from spreading further and causing the healthcare system to collapse. Many businesses and industries are experiencing major problems as a result of people being forced to stay at home and practice social distance. The spread of digital technologies and the internet, on the other hand, allows humans to connect and communicate and businesses to interact with their consumers despite being physically separated. With the advancement of technology, brands and merchants may continue to sell their products to customers and conduct at least some of their company operations. Businesses who approach this challenging time of building a strong digital presence with a long-term strategy will have a much better chance of thriving in the post-COVID-19 era.
	2. The reason why I selected online book store web services is because everyone must exercise social distancing, which requires spending the most of the day at home. The objective of this project is to develop an e-book store where people may buy books from the comfort of their own homes. A virtual book store on the internet where customers can browse the catalogue and select books of interest is known as an online book store. A shopping cart can be used to collect the selected books. The items in the shopping cart will be displayed as an order at the moment of checkout. More information will be required at that time to complete the transaction. The customer will generally be required to fill out or select a billing address, a shipping address, a shipment option, and payment information such as a debit or credit card number. As soon as the order is placed, the customer receives an email notification.

## 9 1.2 Problem Statement

Companies all over the world are being impacted by the Covid-19 pandemic. Some of the world's largest corporations experienced unfavorable consequences, such as empty stores due to a lack of customers. The COVID-19 epidemic, on the other hand, has encouraged the growth of the online shopping convenience movement. Starting with an easy-to-use website, businesses may make it simple for customers to conduct research, compare alternatives and specifications, and do anything else relevant online.

This project aims to develop an online shopping for customers with the goal so that it is very easy to shop loved things from an extensive number of online shopping sites available on the web. The customer simply requires a PC or a laptop and one important payment sending option to shop online. To get to this online shopping system, all the customers will need to have an email and password to login and proceed to their shopping. Upon successful login, the customer can purchase a wide range of books. The customer will pick their favorite books from the online book store sites. They do not need to go physical shops, instead just need a computer and a payment making options like net banking, credit card or debit card. If an order has not yet been shipped out to the customer, the customer may cancel it. The system cancels the order with the publishers or returns the books to them in the occurrence of a cancellation. A book can also be returned within a week. The payments will be credited to the customer's debit or credit card, depending on their preference.

## Objective

* + 1. **Main Objective**

An online bookstore software project that serves as a central database for all of the books in stock, as well as their title, author, and price. The goal of this project is to create a website that serves as a central book store. This website was built with php on the front end and SQL on the back end. Various book-related details are stored in the SQL database. A user visiting the website will find a wide selection of books organized by category. The user can choose a book and see its price. The user can even utilize the website to look for certain books. After the user chooses a book, he/she must fill out a form before the book is booked for the user.

Customers may shop for books online using a web browser thanks to the Online Book Store Project. A customer can create an account, log in, sort books by category, add books to a shopping basket, and pay their bill using their credit card information. When compared to a regular user, the Administrator will have more options. He can edit the author, publisher, book categories, book details, and member information, as well as confirm an order.

The following are the three main components of the software:

1. Implementation of a new user registration and login process.
2. Allow the user to select any book.
3. Allow the user to purchase books.

## Specific Objectives

* + - * To design an online book store management system.
			* To analyze the problems in the existing system.
			* To analyze the possible requirements for the new system.

## Purpose and Scope of Study

* + 1. **Purpose**

The purpose of an online shopping system would be to achieve the following goals:

* + - * Create a web user interface for adding, viewing, and deleting records in different areas.
			* Create a user interface for inputting computer details.
			* Provide a user interface for changing computer and accessory details.
			* Provide a user interface that allows users to browse the store and select things to purchase.

## Scope

The main scope deliverables of the project would be to:

* + - * Analyze and develop detailed specifications and requirements
			* Prepare high-level and detailed system design specifications
			* Prepare a test plan as well as test cases.
			* Develop the system and write the code.
			* Unit, integration, and system testing should all be performed.

  Demonstrate a bug-free application after making any necessary changes

# Literature Review

## 2.1 Literature Review

When we use Google to search for educational websites and applications, we will find a lot of options. However, there is some ambiguity in selecting suitable content at the proper time. Some websites have been developed that contain stories, novels, essays, and other types of content. Electronic Commerce (e-commerce) applications allow multiple parties involved in a commerce transaction to connect in order to shop for new, secondhand, rare, and out-of- print books. Review of literature for an online bookstore. The prototype serves as a roadmap for establishing a solid Online Book Ordering System based on user feedback, notably from the perspective of academics, which will be handled by the university's book store. The arranging, however, is still done manually.

According to a software development firm, an e-catalogue delivers vital information about product specifications to potential customers. It makes it easier for potential customers to find the items they want in the format they want. It is the ideal and ideal product catalogue because it does not require printing, has no number or color restrictions, and does not require distribution. The system is described as self-updatable in a few simple clicks, with the content in the e-catalogue always being accurate and, best of all, requiring no reprinting. Furthermore, the e-catalogue promotes the products on its own, with greater interactivity, consumer personalization, and even a shopping cart for inquiries.

MPHOnline, BookDepository, and Amazon are few of the most popular online shopping sites that employ an e-catalogue to display their products. The website lists the many types of books that are available. The book cover can be found on the left side of the main frame, as well as the book 13 description, which includes information such as the title, author, price, and number of volumes left to be sold, as well as customer ratings



## Strength

Within 3 to 5 business days, the customers can anticipate their orders to arrive. The website also sells stationery, office products, toys, and games in addition to books. You can search for a book by title, author, ISBN, or publisher using the prominent search bar at the top of the website.

## Weakness

Shipment to West Malaysia is free for non-members and RM80 for members on orders above RM120. The company charges RM7 per shipment for orders that are less than the specified amount. Free shipping is provided for orders over RM120 for non-members and RM80 for members in East Malaysia. Orders over a certain amount apply for free shipping and no additional handling fees. The company charges RM12 each shipment for orders under the stipulated amount, plus an extra RM3 handling cost per book (both members and non-members



Many Malaysians are unaware of Book Depository, an online book retailer that is a hidden gem. This online book store is situated in the United Kingdom, but it ships worldwide, including to Malaysia. Even better, the site provides free international shipping.

## Strength

The Book Depository is a true find. This online book store is situated in the United Kingdom, but it ships worldwide for free. They have over 19 million titles available for sale at cheap costs.

Keywords, best sellers, 'quick movers,' 'book of the week,' and other search options are available on the website. It's a great place to browse for those hard-to-find books while still saving money on shipping.

## Weakness

The main disadvantage of purchasing books from this website is that delivery can be slow. Regardless of whether the book is shipped from their UK or Australia center, it can take anywhere from 7 to 14 days (often up to 3 weeks) for an order to arrive in Malay



Amazon.com is the world's most well-known online bookshop, and it is the website that launched the online buying revolution. On Amazon.com, the customers may find almost any book in almost any edition. The best part is that they deliver to Malaysia.

## Strength

The website is clean and straightforward, with a large search bar at the top that makes discovering books a breeze. There are several subcategories, and books are classified by department, format, author, promotions, prizes, languages, and other factors. Amazon.com also has a much larger selection of books in several languages than any of the other online bookstores listed here. There are also audiobooks and magazines available.

Amazon.com also sells e-books in the Kindle format, which the user can read on their Kindle device. Most other Malaysian online booksellers do not sell e-books in this format. Unfortunately, Amazon does not sell Kindles or e-books to Malaysians directly.

The user rating and book description part of Amazon.com is one of the best features, since it allows the user to make an informed decision before purchasing a book. The site also proposes 16 books depending on the user's browsing habits, which can be very helpful and intuitive at times. Another important feature is a list of alternatives for whether the user wants a brand new, preloved (with lower costs mentioned), or Kindle version of the book.

## Weakness

Amazon's shipping rates are unfortunately rather high, with ordinary shipments costing $4.99 (RM20) per shipment and $4.99 (RM20) per item for book purchases. The cost of shipping might easily exceed $29.99 (RM 125) each shipment. Priority courier delivery, as well as large and bulky shipments, can be rather costly. There are some items, however, that are eligible for free shipping with Amazon if the customers spend $25 (RM100) or more.

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