

CERTIFICATE

This to certify that the Mini Project report on **Online Book Store** has been submitted by **Siddhi Desale (21104135), Praniv Warungshe (21104031), Siddharth Devare (21104136) and Harsh Jikamade (21104073)** who are a Bonafede students of A. P. Shah Institute of Technology, Thane, Mumbai, as a partial fulfillment of the requirement for the degree in **Information Technology**, during the academic year **2022-2023** in the satisfactory manner as per the curriculum laid down by University of Mumbai.

Prof. Charul Singh
Guide

Dr. Kiran Deshpande
Head Department of Information Technology

Dr. Uttam D.Kolekar
Principal

External Examiner(s)

- 1.
- 2.

Place: A.P. Shah Institute of Technology, Thane

Date:

ACKNOWLEDGEMENT

This project would not have come to fruition without the invaluable help of our guide **Prof. Charul Singh**. Expressing gratitude towards our HoD, **Dr. Kiran Deshpande**, and the Department of Information Technology for providing us with the opportunity as well as the support required to pursue this project. We would also like to thank our teacher **Ms. Rujata Chaudhari** who gave us her valuable suggestions and ideas when we were in need of them. We would also like to thank our peers for their helpful suggestions.

TABLE OF CONTENTS

1. Introduction.....	1
1.1 Purpose.....	1
1.2 Objectives.....	1
1.3 Scope.....	2
2. Problem Definition.....	3
3. Proposed System.....	4
3.1 Features and Functionality.....	4
4. Project Outcomes.....	7
5. Software Requirements.....	8
6. Project Design.....	9
7. Project Scheduling.....	10
8. Conclusion.....	15
References	

Chapter 1

Introduction

Welcome to our online book store! We are dedicated to providing a wide selection of books that cater to a variety of interests and genres. Whether you're an avid reader, a student, or just looking to discover something new, our collection is sure to have something for you. Our user-friendly platform allows you to easily browse through our collection, read reviews, and make purchases with just a few clicks. We pride ourselves on providing excellent customer service, fast shipping, and competitive prices.

In addition, online book stores can offer competitive prices, fast shipping, and excellent customer service, which can lead to increased customer satisfaction and loyalty. Online book stores can also provide a platform for new and emerging authors to reach a wider audience and promote their books.

Providing a wide range of books: An online book store can offer a diverse range of books to cater to the interests and preferences of customers. The selection of books can range from bestsellers, classics, educational textbooks, fiction, non-fiction, and more. Consistently providing high-quality products and services can enhance the brand reputation of the online book store and increase customer loyalty.

The program can utilize search engine optimization (SEO) techniques to increase online visibility and attract more customers to the website.

Thank you for choosing us as your go-to destination for all your reading needs!

1.1 Purpose

- ➔ The purpose of an online book store is to provide customers with a convenient and efficient way to purchase books online. Online book stores offer a wide selection of books that cater to a variety of interests and genres, making it easier for customers to find the books they are looking for.
- ➔ In addition, online book stores can offer competitive prices, fast shipping, and excellent customer service, which can lead to increased customer satisfaction and loyalty. Online book stores can also provide a platform for new and emerging authors to reach a wider audience and promote their books.
- ➔ Another purpose of an online book store is to offer a sustainable and environmentally-friendly alternative to traditional bookstores. By reducing the need for physical storefronts, online book stores can reduce the carbon footprint associated with the transportation, heating, and cooling of physical stores.
- ➔ The purpose of an online book store is to provide a convenient and efficient way for customers to purchase books, while also offering a platform for authors to promote their work and reducing the environmental impact of the book retail industry.

1.2 Objectives

The objectives for an online book store may include :

- ➔ Offer a wide selection of books: One of the main objectives of an online book store is to provide a vast selection of books to cater to the diverse interests and preferences of customers.
- ➔ Provide competitive pricing: Online book stores should offer competitive pricing to attract customers and increase sales.
- ➔ Ensure convenient and efficient ordering process: The ordering process should be streamlined and user-friendly to ensure a hassle-free experience for customers.

- ➔ Offer excellent customer service: Excellent customer service is essential to ensure customer satisfaction and loyalty.
- ➔ Utilize data analytics to improve business: Online book stores should utilize data analytics to track sales, customer behavior, and preferences, and use this information to improve the business.
- ➔ Promote new and emerging authors: Online book stores can offer a platform for new and emerging authors to reach a wider audience and promote their work.

1.3 Scope

- ➔ Providing a wide range of books: An online book store can offer a diverse range of books to cater to the interests and preferences of customers. The selection of books can range from bestsellers, classics, educational textbooks, fiction, non-fiction, and more.
- ➔ Convenience: The scope of an online book store includes offering convenience to customers by allowing them to browse and purchase books from the comfort of their own homes. Customers can also access the online store 24/7, making it easy for them to purchase books at any time.
- ➔ Competitive pricing: Online book stores can offer competitive pricing to attract customers and provide value for money.
- ➔ Availability of e-books: In addition to physical books, an online book store can offer a range of e-books that customers can purchase and download instantly.
- ➔ Data analytics: Online book stores can use data analytics to track customer behavior and preferences, allowing them to make data-driven decisions to improve the business.
- ➔ Sustainability: Online book stores can implement sustainable practices such as using recycled materials for packaging and reducing the carbon footprint associated with the book retail industry.

Chapter 2

Problem definition

The online book store is experiencing a high rate of cart abandonment and a low rate of repeat purchases. Customers seem to have difficulty finding the books they are looking for and are not satisfied with the checkout process. Additionally, there are complaints about slow delivery times and a lack of personalized recommendations.

The challenge for the online book store is to improve the user experience and increase customer satisfaction in order to boost sales and build customer loyalty. This requires addressing issues such as search functionality, navigation, checkout process, delivery times, and personalized recommendations. Furthermore, the online book store needs to ensure that it has a competitive pricing strategy and a wide selection of books that appeals to its target market.

Chapter 3

Proposed systems

A proposed system for an online book store could include the following components:

User Interface: A user-friendly interface that allows customers to easily navigate the website and find the books they are looking for. This can include a search bar, filters for genres and authors, and personalized book recommendations based on their browsing history and purchase behavior.

Book Catalog: A comprehensive book catalog that includes a wide variety of genres and authors. The catalog should be updated regularly to ensure that new releases and popular books are available.

Shopping Cart: An intuitive shopping cart that makes it easy for customers to add and remove items as well as check out quickly and securely. It should also allow customers to save items in their cart for future purchases.

Payment Gateway: A secure payment gateway that supports multiple payment options, including credit cards, PayPal, and other online payment methods.

Order Management: A system for managing orders and tracking deliveries. This includes sending confirmation emails to customers, providing order tracking information, and resolving any issues related to delivery or refunds.

Customer Relationship Management: A system for managing customer data and providing personalized recommendations based on their preferences and purchase history. This can include email marketing campaigns, loyalty programs, and customer feedback and support.

Analytics: A system for tracking website performance and customer behavior. This can include metrics such as conversion rates, cart abandonment rates, and customer lifetime value. This data can be used to optimize the website and improve the customer experience.

Overall, the proposed system for an online book store should prioritize customer satisfaction and ease of use, while also ensuring security and reliability.

3.1 Features and Functionality

- ➔ Many types of categories are available on this site.
- ➔ Users can search books by subject wise or author wise.
- ➔ The complete collection of particular novels (eg. Harry Potter, Sherlock Holmes, etc) can be purchased in bundled form.
- ➔ Users can give comments and ratings on a particular book and can add books to his wish list which he wants to purchase later.
- ➔ By which users can put details of books and user can search it, can be a member of a site, buy online books, and see other related books of the same author or same category.
- ➔ Users can give book reviews.
- ➔ If a newly launched book is not listed on the site, the user can request for the book by providing the name of the book, the author and his contact info, so that he/she can be informed when the book is available.

Chapter 4

Project Outcomes

The program outcome for an online book store may include:

- ➔ Increased sales and revenue: A successful online book store program should aim to increase sales and revenue by attracting more customers and offering a wide selection of books.
- ➔ Improved customer satisfaction: A user-friendly website, fast shipping, and excellent customer service can lead to improved customer satisfaction.
- ➔ Efficient inventory management: An efficient inventory management system can ensure that the books are in stock and readily available for customers.
- ➔ Enhanced brand reputation: Consistently providing high-quality products and services can enhance the brand reputation of the online book store and increase customer loyalty.
- ➔ Enhanced data analytics: The program can use data analytics to understand customer preferences and buying behavior, and use this information to make data-driven decisions to improve the business.
- ➔ Increased online visibility: The program can utilize search engine optimization (SEO) techniques to increase online visibility and attract more customers to the website.
- ➔ Overall, the program outcome for an online book store should focus on providing a seamless and convenient shopping experience for customers, while also maximizing sales and revenue for the business.

Chapter 5

Software Requirements

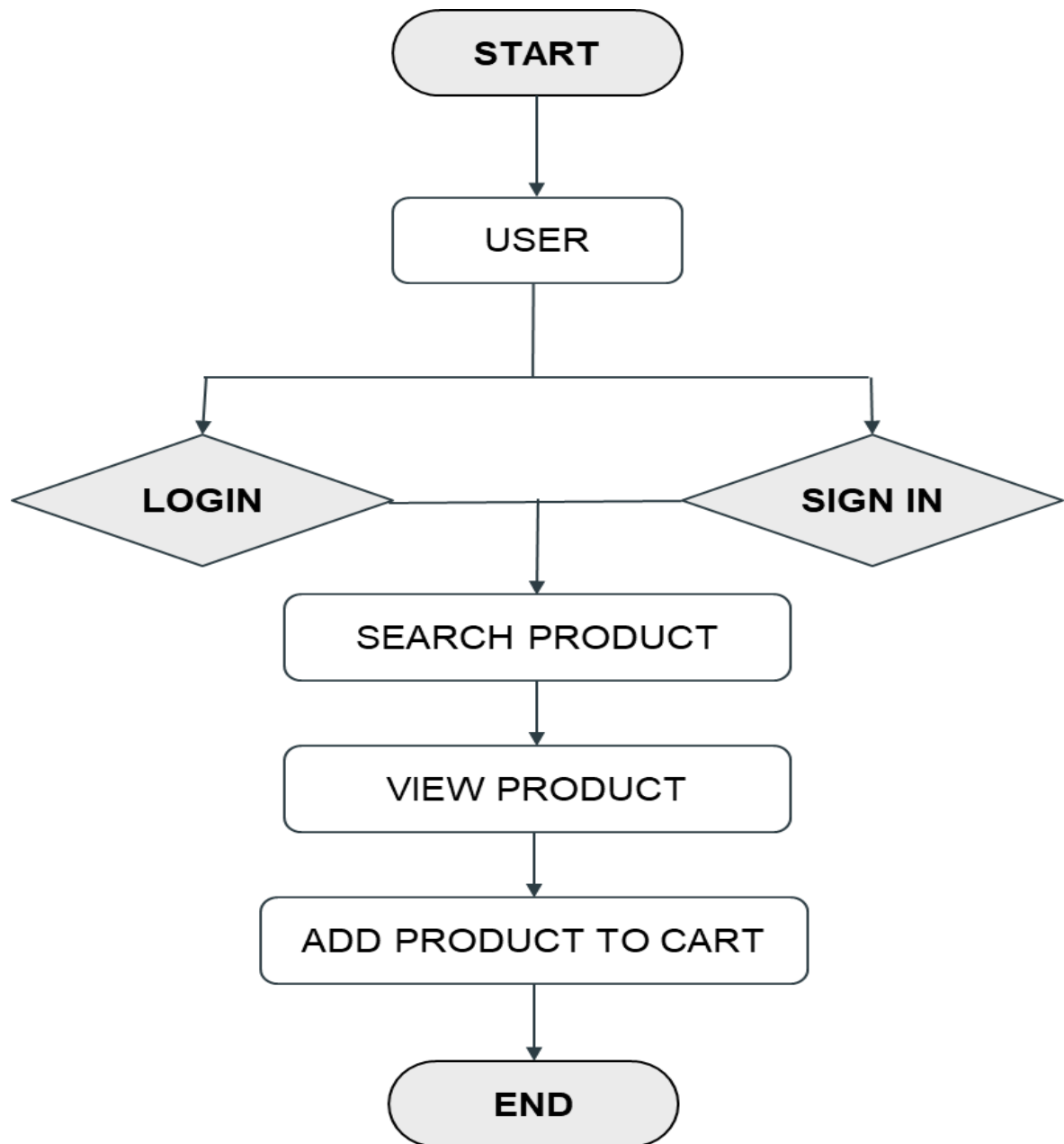
For this project we have used different softwares and technologies.

The main softwares used were:

1. HTML, CSS, JAVASCRIPT
 2. Python Flask
 3. MYSQL
- ➔ HTML, CSS, JAVASCRIPT has been used to create the GUI and connect the front end and the backend of the website.
 - ➔ Python Flask has been used for the backend.
 - ➔ MYSQL has been used to create the database for the website.

Chapter 6

Project Design -



login

localhost/acme_oct_pro/login.php

LOGIN NOW

enter your email

enter your password

Login Now

don't have an account? [register now](#)

Login Page

register

localhost/acme_oct_pro/register.php

REGISTER NOW

enter your name

enter your email

enter your password

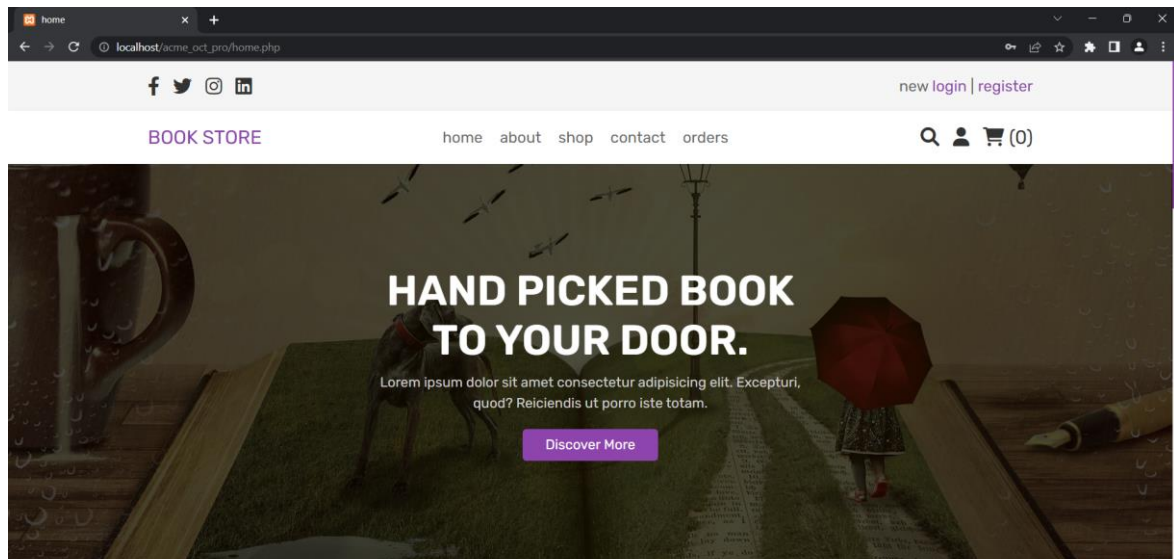
confirm your password

user

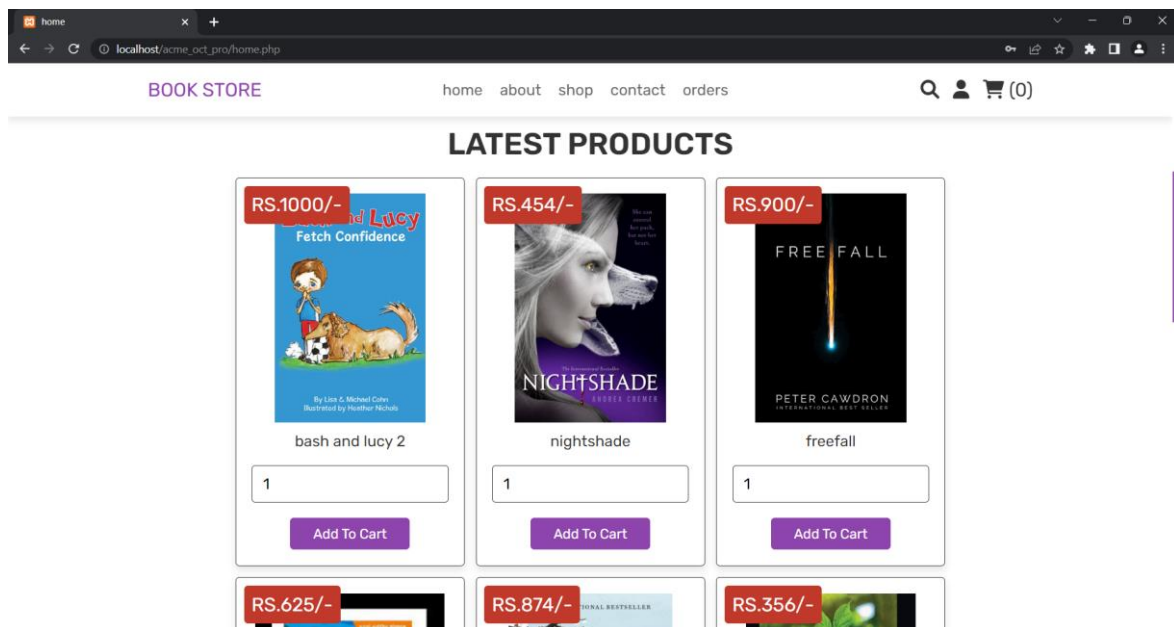
Register Now

already have an account? [login now](#)

Registration Page



LATEST PRODUCTS



checkout

localhost/acme_oct_pro/checkout.php

f

t

@

in

new login | register


BOOK STORE

home about shop contact orders

Q


u

🛒 (3)



CHECKOUT

home / checkout



nightshade (\$454/- x 1)

may be you should talk to someone (\$555/- x 1)

the power of possitive thinking (\$1100/- x 1)

grand total : **RS.2109/-**

PLACE YOUR ORDER

your name :

enter your name

your number :

enter your number

admin panel

localhost/acme_oct_pro/admin_page.php

AdminPanel

home products orders users messages

u

DASHBOARD

RS.2109/-

total pendings

RS.2373/-

completed payments

2

order placed

username : abcd defg

email : abc@gmail.com

Logout

new login | register

products added

2

normal users

1

admin users

3

total accounts

1

new messages

"A Story about Dreams, Hope and Death"

DEEPAK GUPTA

*The Girl with
no dreams*

ADVENTURES ON SELF DISCOVERY
AND TRUE FRIENDSHIP

'Lays the groundwork for students who are looking
to improve their scores' *THE HINDU*



6

secrets
SMART
students
DON'T
tell
YOU

CHANDAN DESHMUKH

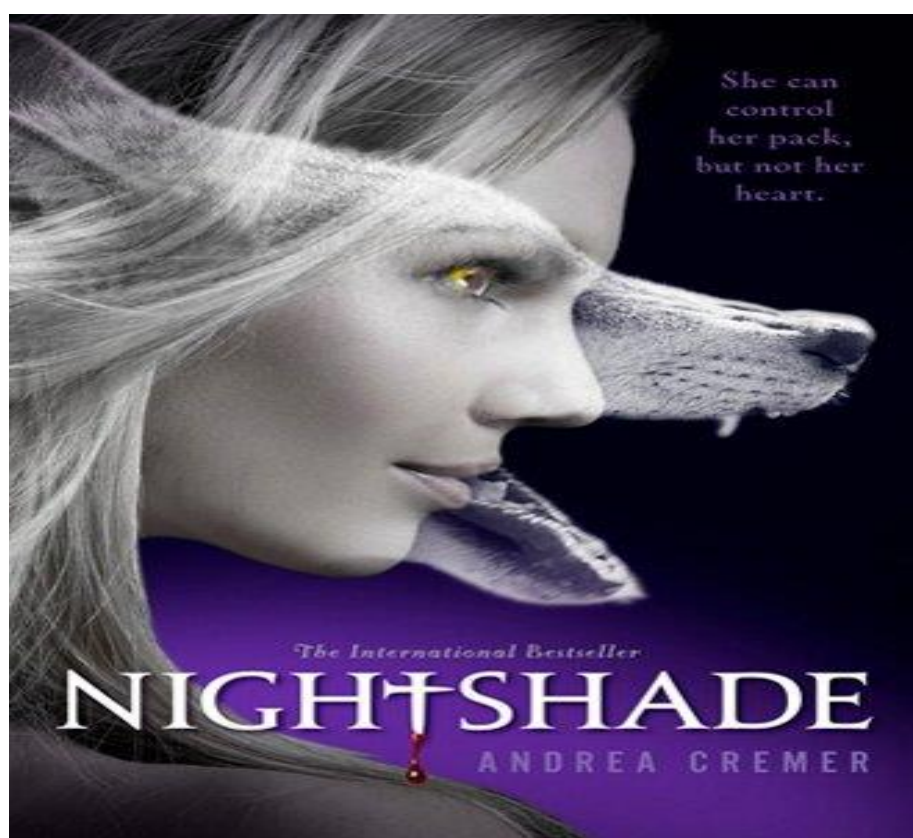
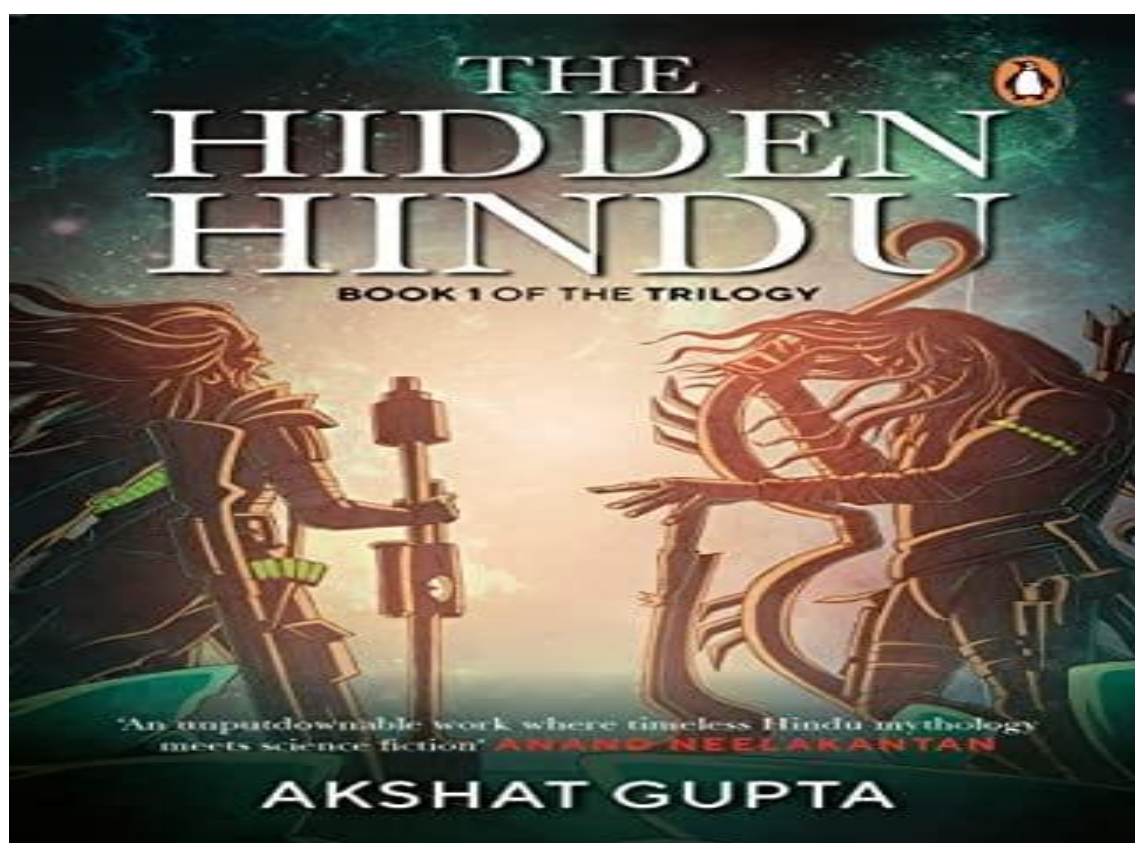
A NATIONAL BESTSELLING AUTHOR

OVER 15 MILLION COPIES SOLD

THE POWER
of
POSITIVE
THINKING

NORMAN
VINCENT
PEALE

The international bestseller by
the father of positive thinking



Chapter 7

Project Schedule

Sr. No	Group Member	Time duration	Work to be done
1.	Siddharth Devare Siddhi Desale	January	Creating GUI using Tkinter design of Language translator, Spelling Autocorrector, Taking dictionary.
2.	Praniv Warungshe	February	Adding more features like Word Game and Text to Speech.
3.	Harsh Jikamade	March and April	Adding data sets and final completion of project.

Chapter 8

Conclusion :

In conclusion, online book stores have revolutionized the way people purchase books. They offer convenience, a wide selection of titles, and often competitive prices. Customers can browse through reviews and recommendations, making informed decisions about what to buy. However, online bookstores lack the personal touch of physical bookstores and the ability to browse books in person. Shipping times and costs can also be a factor. Despite these drawbacks, online bookstores remain a popular option for book buyers, particularly those who prioritize convenience and access to a wide range of titles.

References

1. <https://youtu.be/Kmgo00avvEw>
2. <https://youtu.be/5o3fMLPY7qY>
3. <https://youtu.be/0smG768uUis>