



(Established under Galgotias University Uttar Pradesh Act No. 14 of 2011)

**SCHOOL OF COMPUTER APPLICATIONS AND TECHNOLOGY**

**GALGOTIAS UNIVERSITY, GREATER NOIDA**

**INDIA**

**A Project Report**

**ON**

**SELF HELP BOOK RECOMMENDATION WEBSITE**

**Submitted in partial fulfillment of the  
requirement for the award of the degree of  
BACHELOR OF COMPUTER APPLICATION**

**DEGREE**

**SESSION 2022-25**

**IN**

**B.C.A**

**BY**

**· ANUP SAHNI(22SCSE1040642)**

**· SAURAV SAHOO(22SCSE1040626)**

**Under the Guidance of**

**Mr. RAJESH SHARMA**

## **2. DECLARATION**

I hereby declare that the project report titled "Self-Help Book Recommendation Website" is an original piece of work done by Anup sahni and Saurav sahuo, under the guidance of Rajesh Sharma. This project is submitted in partial fulfillment of the requirements for the degree of [Degree Name] at Galgotias university Greater noida .

I further declare that the work reported in this project is entirely my own, and the findings and conclusions are based on my own research and effort. The content has not been submitted for any other degree or professional qualification.

**SAURAV SAHOO(22SCSE1040626)**

**ANUP SAHNI(22SCSE1040642)**

This is to certify that the above statement made by the candidates is correct to the best of my knowledge.

**Mr. RAJESH SHARMA**

### **3. CERTIFICATE**

This is to certify that the project titled "Self-Help Book Recommendation Website" is a bona fide work carried out by Anup Sahni & Saurav Sahoo, under my guidance, during the academic year 2022-25. This project has been completed in partial fulfillment of the requirement for the degree of BCA(Bachelor of Computer Application) in Department of School of Computer Applications and Technology from Galgotias University Greater Noida a, India is a record of the candidate's own work carried out by them under my supervision.

**INSTRUCTOR'S NAME**

MR. RAJESH SHARMA

**INSTRUCTOR'S SIGN**

#### **4. ACKNOWLEDGEMENT**

We would like to express our sincere gratitude to everyone who contributed to the completion of this project on SELF-HELP BOOK. First and foremost, We are deeply thankful to Mr. RAJESH SHARMA, our project Guide, for their invaluable guidance, support, and encouragement throughout the project. Their expert advice, insightful feedback, and unwavering patience were instrumental in shaping this work. We would also like to extend my heartfelt appreciation to the Department of School of Computer Applications and Technology, Galgotias University, for providing the resources and environment needed to complete this research. The faculty's dedication to fostering a strong learning atmosphere played a crucial role in my development throughout this project. We are immensely grateful to our group members, whose collaborative spirit and teamwork made this challenging journey enjoyable and productive. Their shared commitment and dedication were key to overcoming various obstacles and achieving the project objectives. Finally, We would like to acknowledge the unwavering support and love from our family and friends, whose encouragement and belief in us helped me stay focused and motivated. Their constant reassurance during moments of difficulty was a source of strength. This project would not have been possible without the contributions of each of these individuals, and we are truly thankful for their involvement.

## 5. ABSTRACT

The Self-Help Book Recommendation Website project is a web-based application designed to assist users in discovering suitable self-help books based on specific categories like productivity, mindfulness, relationships, and career improvement. The website is structured with a dynamic interface that allows users to choose a category and receive tailored book recommendations instantly.

The system utilizes front-end web technologies such as HTML, CSS, and JavaScript to create an interactive user experience. It also incorporates structured content pages including an 'About Us' section, user reviews, and a contact form, making the website feel genuine and complete.

This report outlines the design, development process, and functionalities of the website. It provides insight into the rationale behind the project, system features, and technical implementation details. The aim of this project is to deliver a user-friendly tool for readers seeking self-help guidance.

**Keywords:** Self-help, Book recommendation, Web development, Productivity, Mindfulness.

## 6. TABLE OF CONTENT

1. Cover Page .....	i
2. Declaration .....	ii
3. Certificate .....	iii
4. Acknowledgement .....	iv
5. Abstract .....	v
6. Table of Contents .....	vi
7. Introduction .....	1
8. Objective of the Project .....	3
9. System Analysis .....	4
9.1 Problem Definition .....	4
9.2 Proposed Solution .....	5
10. System Design .....	6
10.1 System Architecture .....	6
11. Technology Stack .....	8
12. Implementation .....	10
12.1 Front-End .....	10
12.2 Back-End .....	12
12.3 Testing and Debugging .....	14
13. Results and Discussions .....	15
14. Future Enhancements .....	18
15. Conclusion .....	19
16. List of Abbreviations .....	20

## 7. INTRODUCTION

The self-help genre has become increasingly popular in recent years, with readers seeking books to improve various aspects of their lives. Whether it is productivity, mindfulness, relationships, or career growth, self-help books offer guidance and practical advice.

This project, "Self-Help Book Recommendation Website," aims to create a platform that simplifies the process of finding appropriate books for personal growth. The website uses a recommendation system based on user-selected categories, providing a tailored list of relevant self-help books. This interactive and user-friendly platform serves as an efficient tool for self-improvement enthusiasts.

The project's scope includes creating a visually appealing, responsive, and easy-to-navigate website that allows users to explore book recommendations effortlessly.

## **8. OBJECTIVE OF THE PROJECT**

The main objective of this project is to develop a web-based platform that recommends self-help books based on specific categories such as:

- Productivity
- Mindfulness
- Relationships
- Career

The website aims to provide:

1. A dynamic recommendation engine based on user input.
2. An easy-to-navigate user interface with category-wise book suggestions.
3. An organized website structure that includes multiple pages such as "About Us," "Reviews," "Contact Us," and "Recommendations."
4. A modern, visually appealing design that engages users and improves user experience.



## **9. SYSTEM ANALYSIS**

### **9.1 Problem Definition**

With the increasing number of self-help books available in the market, it becomes overwhelming for readers to choose the right book for their specific needs. The lack of a personalized recommendation system makes it challenging to filter through countless options and find valuable books.

### **9.2 Proposed Solution**

The proposed solution is a web-based platform where users can select their area of improvement (such as productivity, mindfulness, relationships, or career) and receive curated book recommendations. The platform is designed to be user-friendly and provides immediate suggestions based on user preferences.

## 10. SYSTEM DESIGN

### 10.1 System Architecture

The system architecture is divided into two main components:

1. **Front-End**: The front-end includes the user interface elements such as the category selection form, book recommendations, and the content pages (Home, About Us, Reviews, Contact).
2. **Back-End**: The back-end processes the user input (category selection) and fetches corresponding book recommendations from a predefined set of book lists.

## 11. TECHNOLOGY STACK

The following technologies were used in the development of the project:

- **HTML**: Structure and layout of the website.
- **CSS**: Styling and visual design of the web pages.
- **JavaScript**: Client-side scripting for dynamic interactions, such as fetching book recommendations.
- **Font Awesome**: Used for adding icons to enhance visual appeal.
- **Visual Studio Code**: IDE used for writing and editing code.
- **Chrome Developer Tools**: For testing and debugging the website.

## **12. IMPLEMENTATION**

### **12.1 Front-End**

The front-end consists of multiple pages, including the Home, About Us, Reviews, Contact Us, and Recommendation pages. Each page is designed to be responsive and user-friendly, with a clean navigation menu and dynamic features.

For example, the Recommendations page allows users to select a category (Productivity, Mindfulness, Relationships, or Career), and based on their choice, 6-8 relevant books are displayed. The content is styled using CSS to make the website visually appealing and intuitive.

### **12.2 Back-End**

The back-end logic is managed using JavaScript. It fetches book recommendations based on the user's input from a predefined list stored within the code. This client-side scripting ensures fast responses and a smooth user experience.

### **12.3 Testing and Debugging**

Testing was done across multiple devices (desktop, tablet, mobile) to ensure responsiveness. Chrome Developer Tools was used extensively to debug issues and ensure that the website functions smoothly across different platforms.

### **13. RESULT AND DISCUSSION**

The final website successfully achieves the goals set out in the project objectives. It provides an interactive platform where users can easily find relevant self-help book recommendations. The website is responsive, visually appealing, and user-friendly.

Several rounds of user testing indicated that the book recommendation feature is both useful and easy to use. The multi-page layout, combined with clear navigation, ensures that users can explore the website effortlessly.

## 14. FUTURE ENHANCEMENT

Future improvements to the project could include:

1. **Database Integration**: Storing book data in a database instead of hardcoding it within JavaScript for more dynamic and scalable recommendations.
2. **User Authentication**: Adding a user login feature that allows users to save their preferences and recommendations.
3. **Personalized Recommendations**: Implementing machine learning algorithms to provide more personalized book suggestions based on user history.
4. **Search Functionality**: Adding a search bar to allow users to search for specific book titles or authors.

## **15. CONCLUSION**

The "Self-Help Book Recommendation Website" project successfully demonstrates the development of a dynamic, user-friendly, and visually appealing web-based application. It meets the project's goals by providing book recommendations based on selected categories and incorporating modern web design principles. The project is scalable, with room for future enhancements like database integration and personalized recommendations.

## 16. LIST OF ABBREVIATION

- **HTML**: HyperText Markup Language
- **CSS**: Cascading Style Sheets
- **JS**: JavaScript
- **UI**: User Interface
- **UX**: User Experience