**MICRO PROJECT ON**

**“BOOK SHOP MANAGEMENT”**

**Course: Programming In “C”**

**Corse Code: 22226**

**Academic Year: 2022-2023**

**Semester: 2I**

**Name: Chaitanya Khapake**

**Roll No: 556**

**Enrolment No:2201410286**

**Name of Micro project Guide: Mrs Nutan Budhner**



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**Submitted By:**

|  |  |  |
| --- | --- | --- |
| **Roll No.** | **Name of the student** | **Enrolment No.** |
| 509 | Tanmay Chinchkar | 2201410239 |
| 531 | Tanvi Ghorpade | 2201410261 |
| 533 | Rushi Gujarathi | 2201410263 |
| 556 | Chaitanya Khapake | 2201410286 |
| 559 | Trupti Khole | 2201410289 |

**Name of Project Guide: Mrs Nutan Budhner**





**CERTIFICATE**

This is to certify that this micro project report titled ‘**Book Shop Management** is the bonafide work of Mr/Ms. Chaitanya Khapake, Tanmay Chinchkar, Tanvi Ghorpade, Trupti Khole, Rushi Gujarathi Roll no 556,509,531,559,533of first year diploma in FYCO **Engineering** for the course “**Programming In C”** Course code:**22226** during the academic year 2022-2023, who carried out the micro project work under my supervision.

**Mrs Nutan Budhner**

**(**Name & Signature Course Teacher)

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**ANNEXURE I**

**Micro Project Title:**

**“BOOK SHOP MANAGEMENT”**

1. **Aims/Benefit of the Micro Project** (Minimum 30-50 Words)**:** 
   1. To process data in possibly least amount of time.
   2. To secure the information and obstruct the access of unauthorized persons.
   3. To avail the information immediately in demand.
   4. To analyse the data for providing analytical decisions

e. To enable administrator to access the system from anywhere.

f. To reduce data redundancy and pruning ambiguous data.

1. **Course Outcomes Addressed:**

**C22226a. To understand the book shop management systems.**

**C22226b. To Understand what is use of book shop managements system**

1. **Proposed Methodology** (Procedure that will be followed to do the micro project- in about 100-200 words)**:**
2. Search and Collect information
3. Arrange information
4. Proofread the information
5. Review from the teacher
6. Edit project report as per the suggestions of the teacher
7. Proofread and finalize the report
8. Finalize from the teacher
9. Take Print and Submit of the report
10. **Action Plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Detail of Activity** | **Planned Start date** | **Planned Finish Date** | **Name of Responsible Team Members** |
| **1.** | Search and Collect information | 17/03/2023 | 17/03/2023 | All Team Members |
| **2.** | Arrange information | 18/03/2023 | 23/03/2023 | Chaitanya Khapake, Tanmay Chinchkar, Rushi Gujarathi |
| **3.** | Proofread the information | 25/03/2023 | 28/03/2023 | Trupti Khole,  Tanvi Ghorpade |
| **4.** | Review from the teacher | 05/04/2023 | 05/04/2023 | Chaitanya Khapake, |
| **5.** | Edit project report as per the suggestions of the teacher | 06/04/2023 | 15/04/2023 | Tanmay Chinchkar, |
| **6.** | Proofread and finalize the report | 15/04/2023 | 15/04/2023 | Rushi Gujarathi |
| **7.** | Finalize from the teacher | 18/04/2023 | 20/04/2023 | Trupti Khole,  Tanvi Ghorpade |
| **8.** | Take Print & Submit of the report | 23/04/2023 | 23/04/2023 | All Team Members |

1. **Resource Required:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Name of Resource/Material** | **Specification** | **Qty.** | **Remark** |
| **1.** | Internet/ websites | To collect Information | **-** |  |
| **2.** | Internet/ websites | [https://www.scribd.com/document/72362428/Book-Shop-Management-Final#](https://www.scribd.com/document/72362428/Book-Shop-Management-Final) |  |  |
| **3.** | YouTube | To see how to make Book Management System :  <https://www.youtube.com/watch?v=EgHt199xIbs> | 1 |  |
| **4.** | Books | Data Base Management System, Author-J. Sugandha. | 1 |  |
| **5.** | Code Editor | Turbo C , VS Code | 1 |  |
| **6.** | Laptop | To make Report and code | 2 |  |

**Name of Team Members with Roll Nos:**

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Name of Students** | **Roll No** |
| 1 | Tanmay Chinchkar | 509 |
| 2 | Tanvi Ghorpade | 531 |
| 3 | Rushi Gujarathi | 533 |
| 4 | Chaitanya Khapake | 556 |
| 5 | Trupti Khole | 559 |

**Mrs. Nutan Budhner**

**(Name & Signature Of Faculty)**

**ANNEXURE - II**

**Micro Project Report**

**“BOOK SHOP MANAGEMENT”**

1. **Rationale** (Importance of the project, in about 30 to 50 Words.)**:**

The Book management system is a software to manage manual functions of a library. The software helps to manage the entire library operations from maintaining book records to issue a book. In addition, it allows streamlined management of fine details of books such as author name, edition, and many other important details. So, it is easier to search for books and find the right materials for students and the librarian.

The electronic management via the software is essential to track information like issue date, due date, who has borrowed any material, etc. The system is developed and designed with an aim to facilitate efficient management to the schools to manage a modern library with accurate data management. Thus, school management or library head can get all the necessary details electronically without

1. **Aims/Benefits of the Micro Project:** 
   1. To process data in possibly least amount of time.
   2. To secure the information and obstruct the access of unauthorized persons.
   3. To avail the information immediately in demand.
   4. To analyse the data for providing analytical decisions

e. To enable administrator to access the system from anywhere.

f. To reduce data redundancy and pruning ambiguous data.

1. **Course Outcomes Addressed:**

**C22226a. To understand the book shop management systems.**

**C22226b. To Understand what is use of book shop managements system**

1. **Actual Methodology Followed**: (Write stepwise work done, data collected and its analysis is (if any). The contribution of individual member may also be noted.):

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr. No./ Hour No.** | **Date** | **Time** | **Work Done** |
| **1.** | 17/03/2023 | 7:00 pm – 8:00 pm | Search and Collect information |
| **2.** | 19/03/2023 | 5:00 pm-6:00 pm | Search and Collect information |
| **3.** | 23/03/2023 | 7:00 pm – 8:00 pm | Search and Collect information |
| **4.** | 25/03/2023 | 6:00 pm – 7:00 pm | Search and Collect information |
| **5.** | 28/03/2023 | 8:00 pm – 9:00 pm | Arrange information |
| **6.** | 02/04/2023 | 5:00 pm-6:00 pm | Arrange information |
| **7.** | 04/04/2023 | 6:00 pm – 7:00 pm | Arrange information |
| **8.** | 05/04/2023 | 6:00 pm – 7:00 pm | Arrange information |
| **9.** | 07/04/2023 | 7:00 pm – 8:00 pm | Proofread the information |
| **10.** | 09/04/2023 | 5:00 pm – 6:00 pm | Proofread the information |
| **11.** | 10/04/2023 | 9.10 am – 10.10 am | Review from the teacher |
| **12.** | 12/04/2023 | 7:00 pm – 8:00 pm | Edit project report as per suggestions of the teacher |
| **13.** | 14/04/2023 | 7:00 pm – 8:00 pm | Edit project report as per suggestions of the teacher |
| **14.** | 15/04/2023 | 5:00 pm – 6:00 pm | Proofread and finalize the report |
| **15.** | 17/04/2023 | 8.10 am – 9.10 am | Finalize From the Teacher |
| **16.** | 28/04/2023 | 8.10 am – 9.10 am | Take Print & Submit of the report |

1. **Actual Resource Used:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Name of Resource/Material** | **Specification** | **Qty.** | **Remark** |
| **1.** | Internet/ websites | To collect Information | 1 |  |
| **2.** | Information | [https://www.scribd.com/document/72362428/Book-Shop-Management-Final#](https://www.scribd.com/document/72362428/Book-Shop-Management-Final) | 1 |  |
| **3.** | YouTube | To see how to make Book Management System :  <https://www.youtube.com/watch?v=EgHt199xIbs> | 1 |  |
| **4.** | Books | Data Base Management System, Author-J. Sugandha. | 1 |  |
| **5.** | Code Editor | Turbo C , VS Code | 1 |  |
| **6.** | Laptop | To make Report and code | 1 |  |

1. **Outputs of the Micro project** (Presentation of data, findings, drawing etc.)**:**

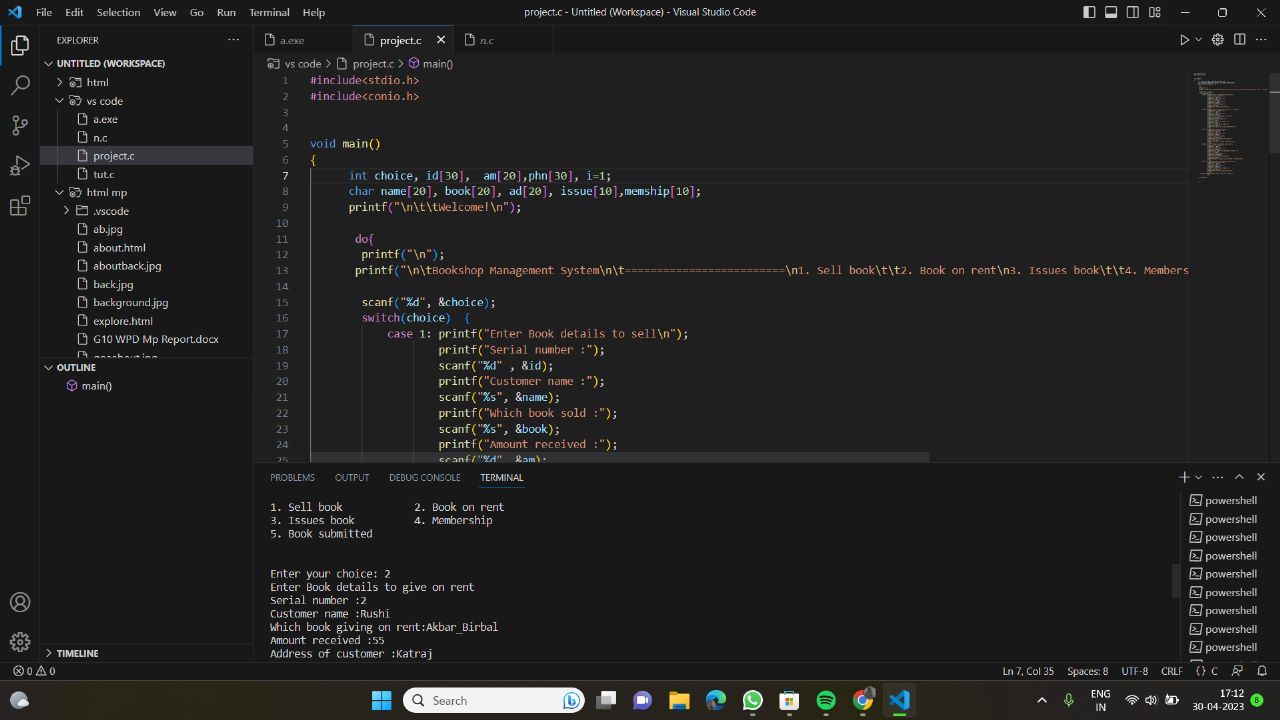
**Book Shop Management:**

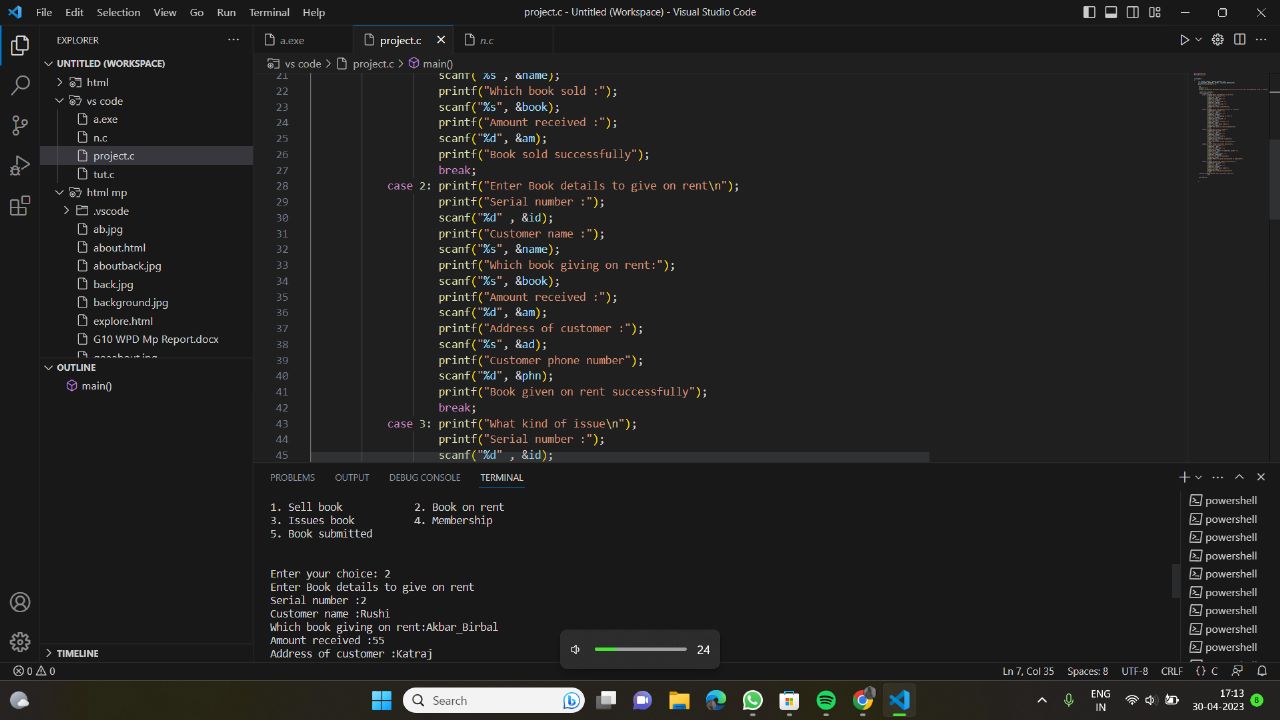
A Book Shop Management program is a computer program designed to manage the inventory and operations of a book store. The program allows the store manager to keep track of the books available in the store, the number of copies, and their respective prices. It also enables the manager to track the sales and purchases made by customers, issue and submit books to and from readers, and keep track of the readers' information.

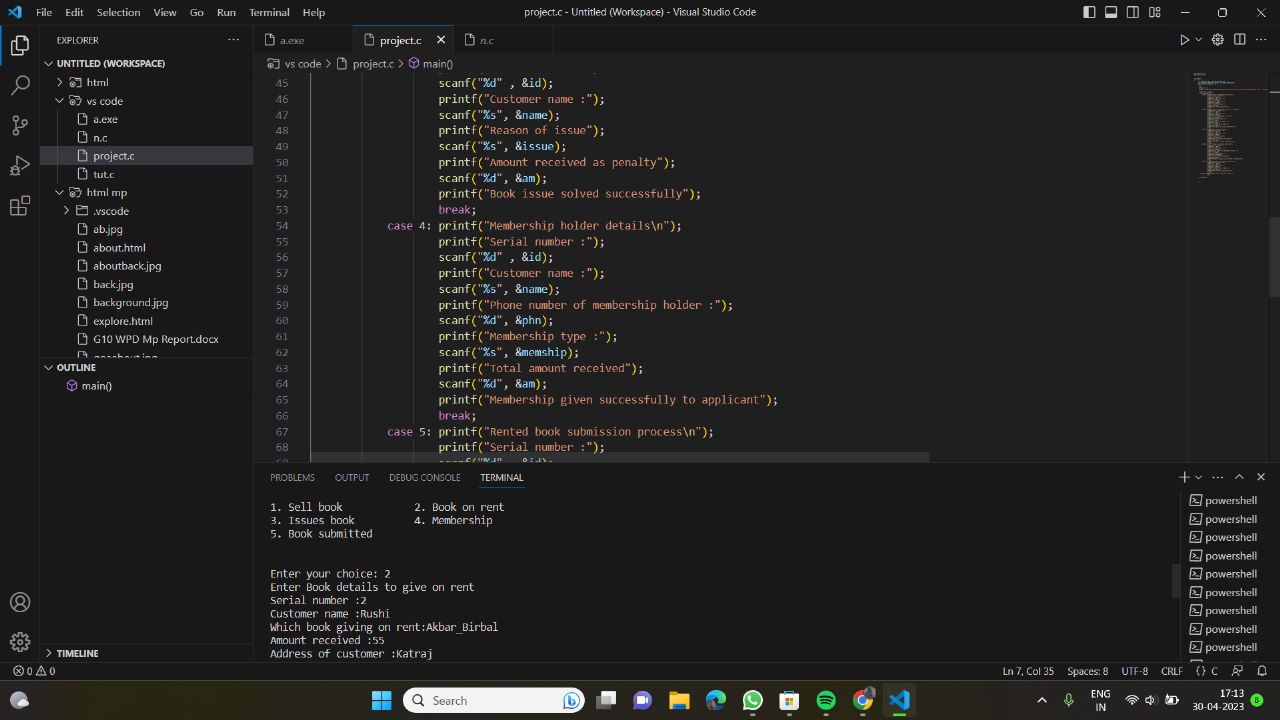
A typical Book Shop Management program includes a user-friendly interface that allows the user to input and retrieve information from a database. The program should be able to store and retrieve information such as the book's title, author, ISBN, price, and quantity, as well as the reader's name, address, contact number, and email address.

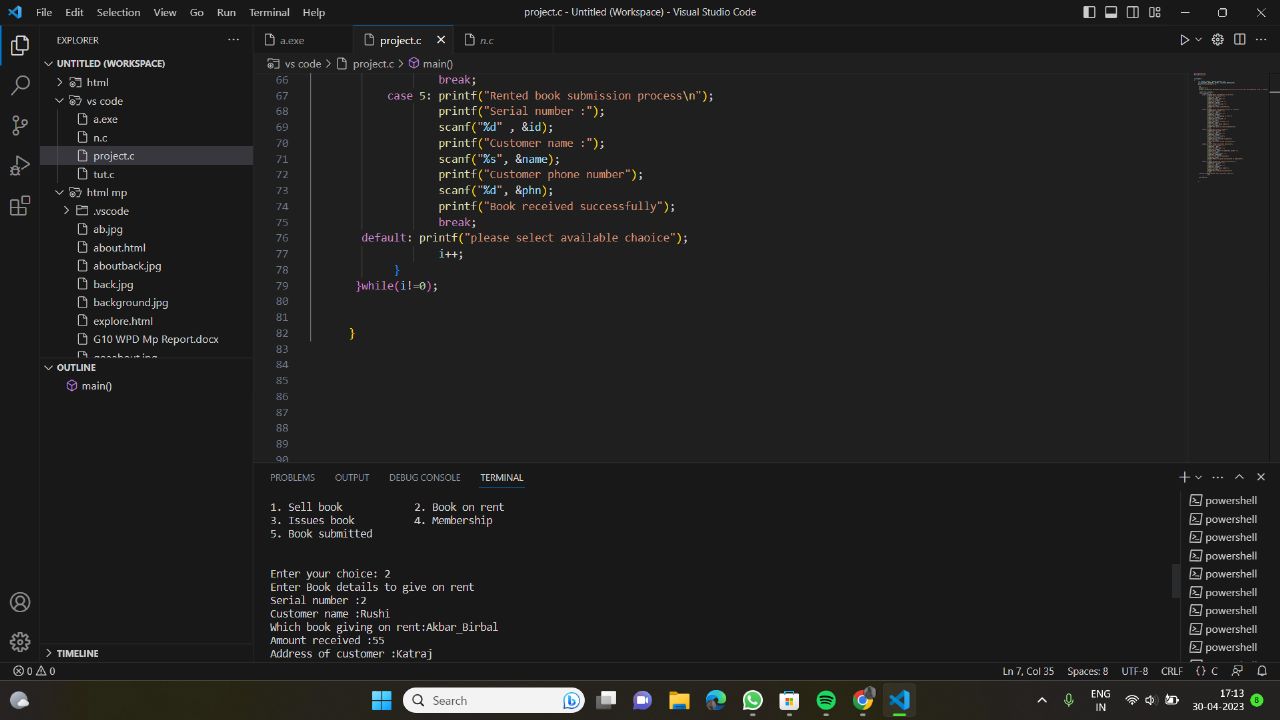
Additionally, the program should provide the following functionalities:

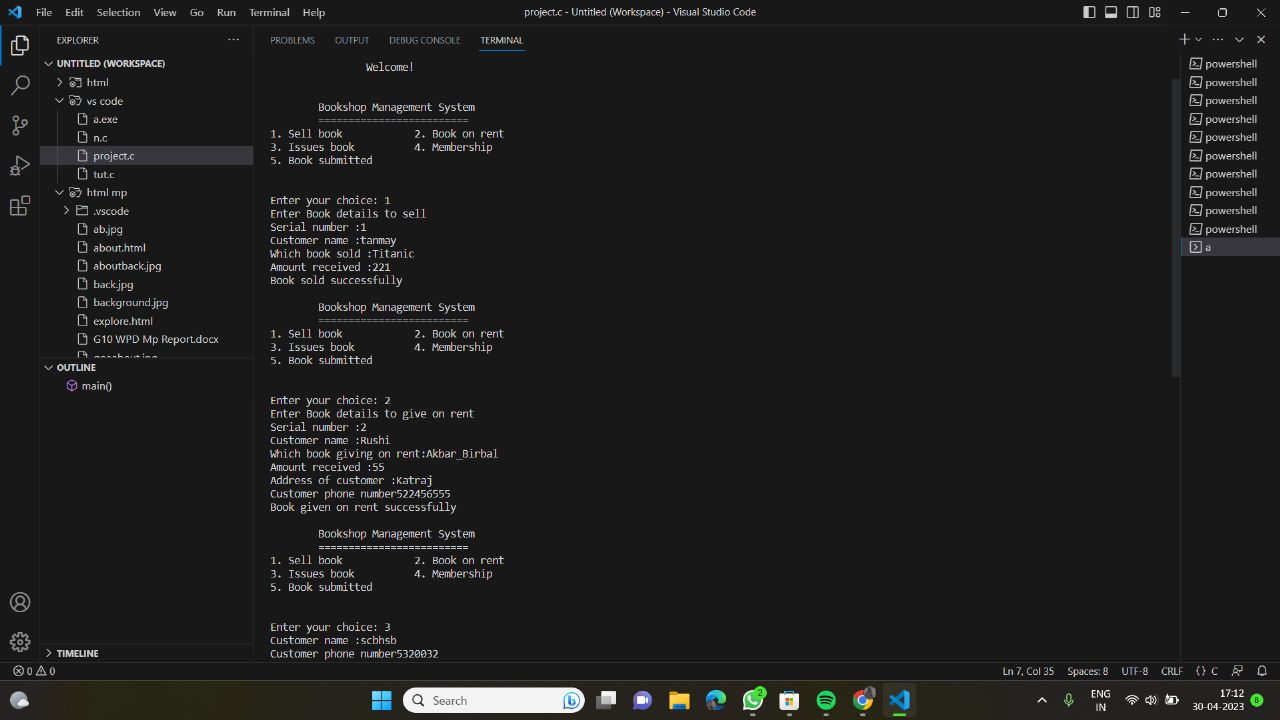
1. Add new book: This option allows the user to add a new book to the store's inventory. The program will prompt the user to enter the book's details such as the title, author, ISBN, price, and quantity. Once the details are entered, the program will store the book in the inventory.
2. Search book: This option allows the user to search for a book in the store's inventory. The user can enter the title, author, or ISBN of the book, and the program will search the inventory for a match. If a match is found, the program will display the book's details, including the current quantity of the book in the store.
3. Add new reader: This option allows the user to add a new reader to the system. The program will prompt the user to enter the reader's details, such as name, address, contact number, and email address. Once the details are entered, the program will store the reader's information in the system.
4. Search reader: This option allows the user to search for a reader in the system. The user can enter the name, address, contact number, or email address of the reader, and the program will search the system for a match. If a match is found, the program will display the reader's details.
5. Issue book: This option allows the user to issue a book to a reader. The program will prompt the user to enter the reader's name and the book's title, author, or ISBN. If the book is available in the store's inventory, the program will update the quantity of the book in the store and record the book's issuance to the reader.
6. Submit book: This option allows the user to submit a book back to the store. The program will prompt the user to enter the reader's name and the book's title, author, or ISBN. If the book is issued to the reader, the program will update the quantity of the book in the store and record the book's submission by the reader.
7. Delete book: This option allows the user to delete a book from the store's inventory. The user can enter the title, author, or ISBN of the book to be deleted, and the program will search the inventory for a match. If a match is found, the program will delete the book from the inventory.
8. Delete reader: This option allows the user to delete a reader from the system. The user can enter the name, address, contact number, or email address of the reader to be deleted, and the program will search the system for a match. If a match is found, the program will delete the reader from the system.
9. List of books: This option allows the user to display a list of all the books in the store's inventory. The program will display the details of each book, including the title, author, ISBN, price, and quantity.
10. Exit: This option allows the user to exit the program. The program will display a message thanking the user for using the system and then terminate.

**Output Screen Shot:**

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1. **Skill developed / Learning outcome of the Micro-Project:**
2. Search and collect relevant information on Book Management System
3. Communication skills.
4. Time management.
5. Working in a team.
6. Following ethics.
7. Stress management.
8. Present information effectively.
9. Presentation skills.
10. **Applications of the Micro-Project:**

The project will help us in searching and collecting relevant information about the topic.

1. Bookshop Management System is a application that helps to keep track of all the book and customer records ,command-line-tool ,console-application terminal-app**book-management-system** bookshop-management-project.
2. To reduce the headache of maintaining the record of bookkeepers and customer-related documents.
3. To reduce the cumbersome job of maintaining several documents like whom we have issued the book and when will he return that.
4. It will eliminate the delays in making the payments, where people use to stand for a long time in the queue to pay and get their book.
5. Searching will become more efficient and fast in comparison to manual searching.
6. It will also provide assurance that we have a proper record of the selling of the books so that we can limit our books stock according to that.
7. Overall, it will reduce the cost and time of the shopkeeper who will take care of the shop.

**Mrs. Nutan Budhner**

**(Name & Signature Of Faculty)**

**Log Book of the Student (Weekly Work Report)**

**Academic Year: 2022-2023**

**Name of Student:** Chaitanya Khapake, Tanmay Chinchkar, Tanvi Ghorpade, Trupti Khole, Rushi Gujarathi

**Title of the Project:** ‘Book Shop Management

**Course:** Programming In “C” **Course Code:** 22226 **Semester:** 2I

|  |  |  |  |
| --- | --- | --- | --- |
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**(Name & Signature Of Faculty)**