

BOOK STORE MANAGEMENT SYSTEM

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Background

- Observed inefficient book store activity,
- Need for a modern automated system ,
- Helps in:
 - Book cataloging
 - Sales tracking
 - Record keeping and updating

Objectives

- Automate the manual processes of book store management,
- Maintain database of products
- To facilitate the worker in their specified tasks,
- To generate reports on book availability, sales

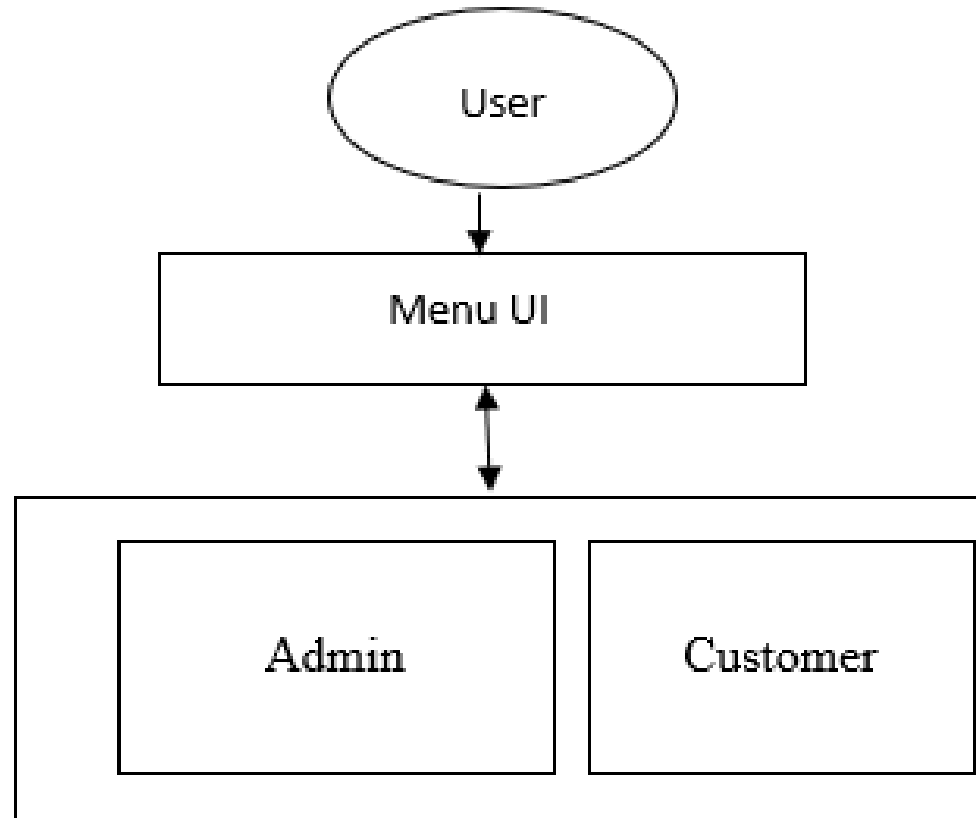
Applications

- Strengthening the foundation of programming,
- Developing flexible and easy to maintain application with reliability and efficiency,
- Maintaining the versatility of the program.
- Helping to solve a real world problem with the tools given.

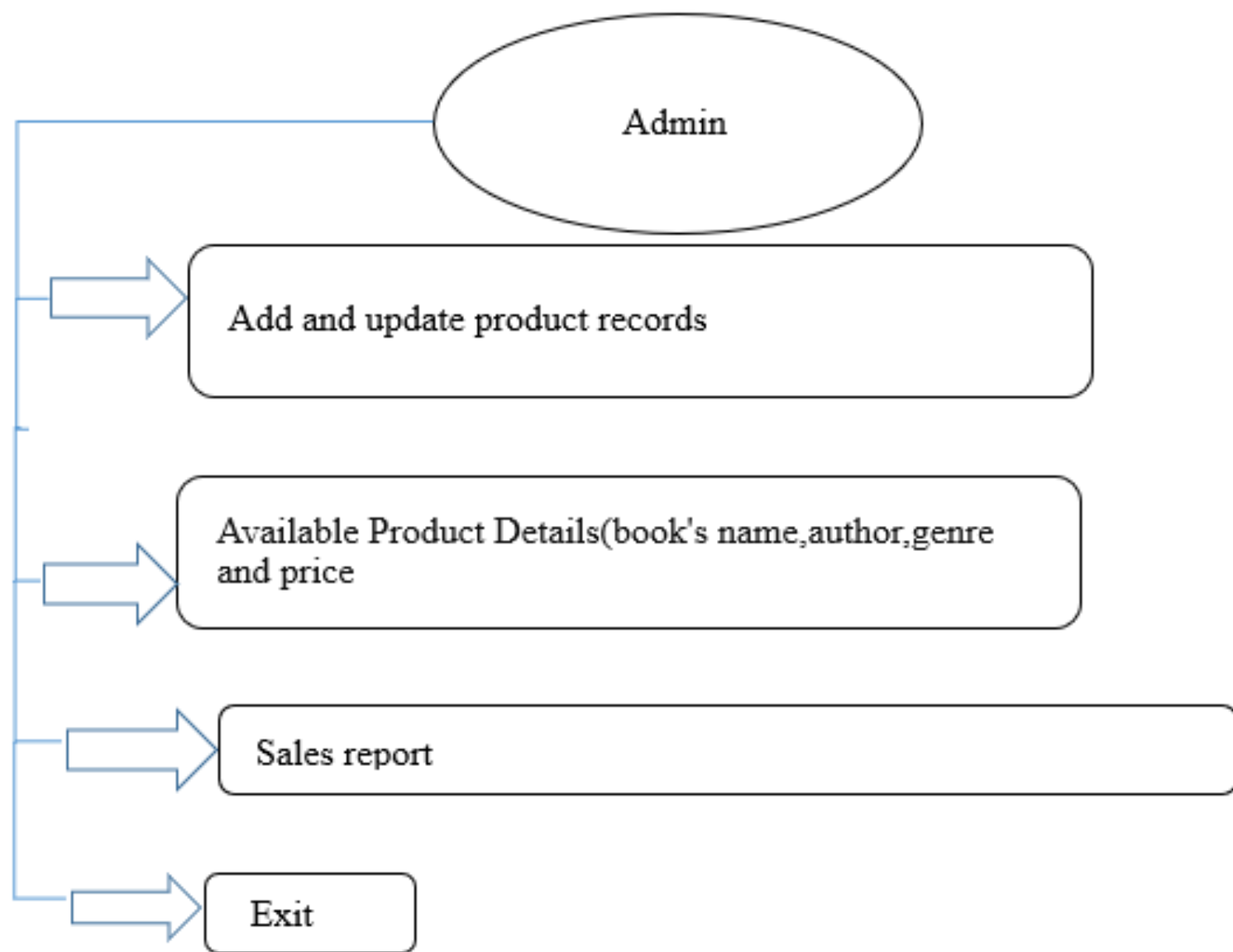
Tools Used

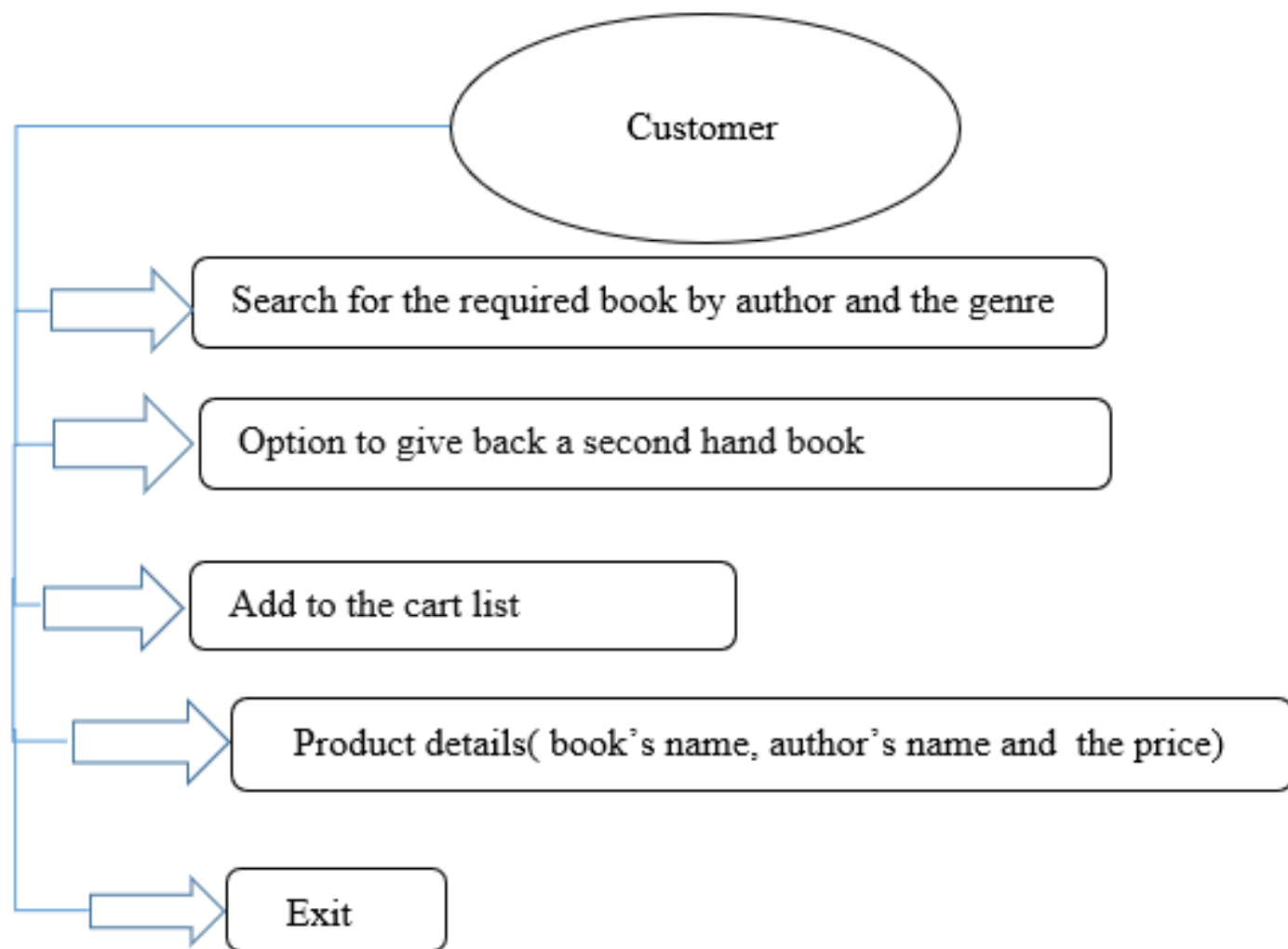
- Github
- Visual Studio Code
- Discord

System Architecture



Parts of the Program

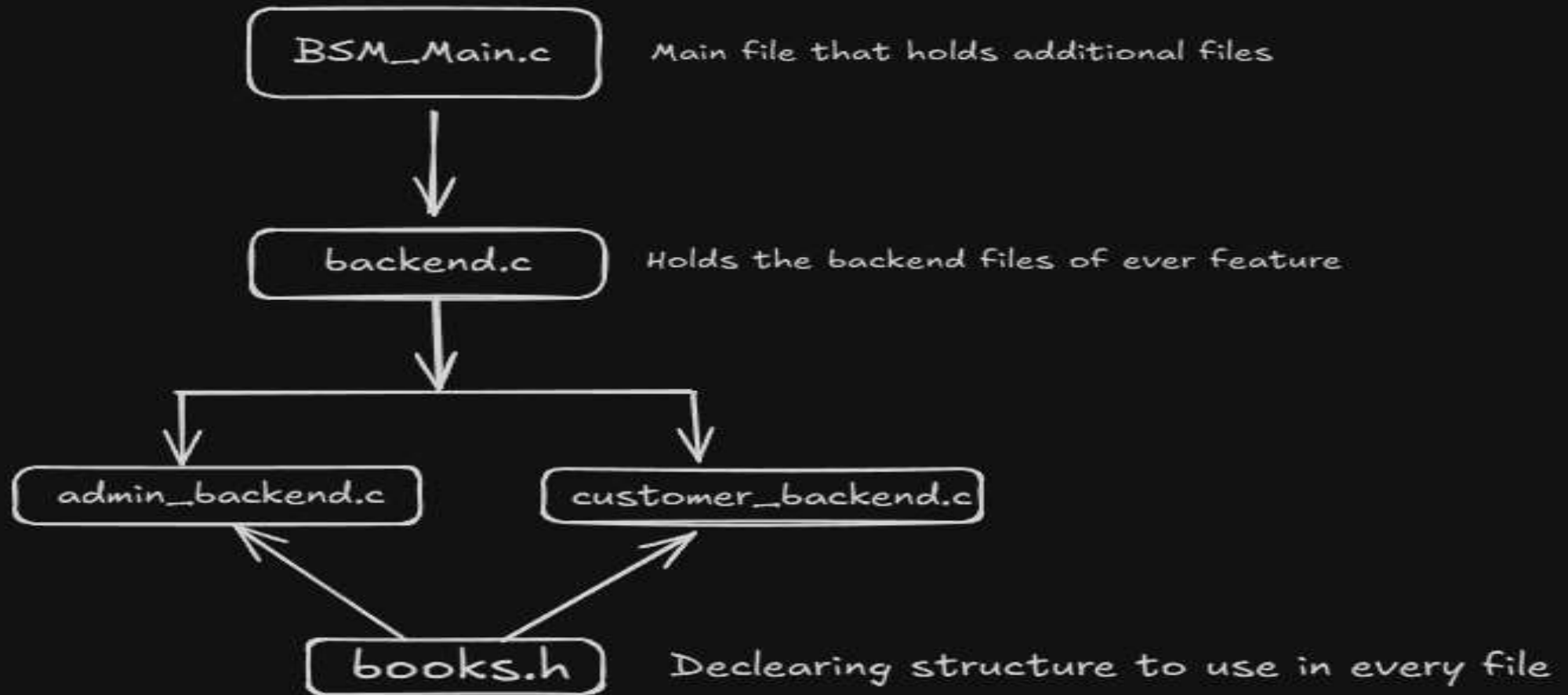




Text files used

- Book_list.txt
- Second_hand.txt
- Cart.txt
- sales_report.txt

Code Structure



Main Page

-----MAIN MENU-----

Welcome to the Store

You Are:---

- 1.Admin Login
- 2.Customer

Login:

Admin login Page

```
-----MAIN MENU-----  
Welcome to the Store  
  
You Are:---  
1.Admin Login  
2.Customer  
Login: 1  
      Username: user  
      Password: user
```

Admin Menu

```
-----Welcome to admin page:-----  
1.Add new book  
2.Available Books  
3.Total sales  
4.Update book list  
5. Log out  
Option:--
```

Admin Login error

```
-----MAIN MENU-----  
Welcome to the Store  
  
You Are:---  
1.Admin Login  
2.Customer  
Login: 1  
      Username: yolo  
      Password: 23  
-----Wrong credentials-----  
      Want to try again?[Y/N] S|
```

Customer Menu

-----Book store-----

Welcome to our book store

How Can we Help you:

1.Search book

2.Sell book

3.Cart

4.Log out

Option:-|

Search Menu Option

How would you like to search:

- 1. Search by Book name:
- 2. Search by Author name:
- 3. Search by Genre

Input:

|

Limitation

- No GUI accessss
- Less security and integrity
- Password fixing between client and developer
- Possible error due to invalid inputs
- Less search and filter options for customer

FUTURE ENHANCEMENT

- Having proper security through password hashing
- Adding more search and filter options for customer
- Integrating online payment method (paypal, esewa) along with a GUI interface for much more easy functionality.
- Allowing data to be exported to excel or database (SQL)

Conclusion

- Creates an impactful tool for small-medium scale businesses
- Simplifies the store activity incorporating C language

Q/A

ANY
QUESTIONS!

