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DESCRIPTION

This project is a compact Library Management System, tracking book details differentiating between Premium and Basic types. It also manages employee data. The system ensures security with straightforward login. Testing and documentation guarantee reliability, with future scalability in mind.

CONTENT

01 BENEFICIAL

02 STEP TO IMPLEMENT

03 LOGICAL DESIGN

04 PHYSICAL DESIGN

BENEFICIAL

01

Why

User-friendly
Efficiency
Reliability

02

Who

Librarian and library staff
Admin

03

How

Time-saving
Promoting library operation
Enhanced accessibility

STEP TO IMPLEMENT

Architecture

STANDALONE

Methodology

AGILE

Tool and Technologies

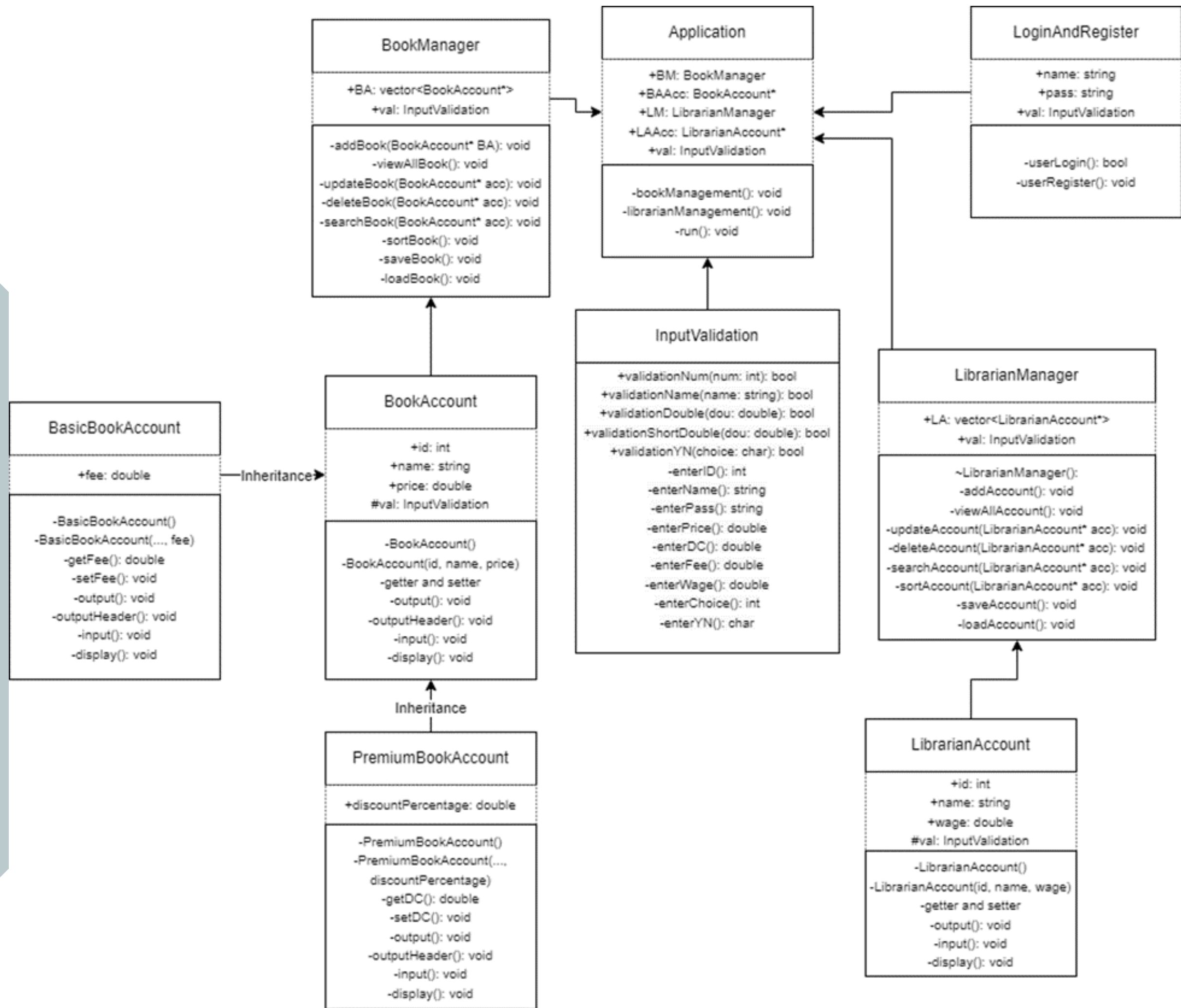
FILE.DAT

VISUAL STUDIO CODE

C++

24H

LOGICAL DESIGN



PHYSICAL DESIGN

```
=====Book Manager Menu=====
1. Create book information
2. View all book information
3. Update book information
4. Delete book information
5. Search book information
6. Sort book information
7. Save data
8. Back
0. Exit
Enter choice: 1
=====CHOOSE BOOK TYPE=====
1. Premium Account
2. Basic Account
3. Back to main menu
Enter choice: 1
How many time you want to add??
Enter choice: 1
Enter ID(1-999): 1
Enter name: idk
Enter price($): 100
Enter discount percentage(%): 10
```

```
=====Book Manager Menu=====
1. Create book information
2. View all book information
3. Update book information
4. Delete book information
5. Search book information
6. Sort book information
7. Save data
8. Back
0. Exit
Enter choice: 2
=====CHOOSE BOOK TYPE=====
1. Premium Account
2. Basic Account
3. Back to main menu
Enter choice: 1
-----PREMIUM BOOK ACCOUNT-----
ID      Name      Price      Discount percentage
-----
1       idk       $100       10%
=====Book Manager Menu=====
1. Create book information
2. View all book information
3. Update book information
4. Delete book information
5. Search book information
6. Sort book information
7. Save data
8. Back
0. Exit
Enter choice: █
```

PHYSICAL DESIGN

```
=====Librarian Manager Menu=====
```

1. Create new account
2. View all account
3. Update account
4. Delete account
5. Search account
6. Sort account information
7. Save data
8. Back
0. Exit

Enter choice: 1

How many you want to add??

Enter choice: 1

Enter ID(1-999): 1

Enter name: idk

Enter wage(\$/day): 10

```
=====Librarian Manager Menu=====
```

1. Create new account
2. View all account
3. Update account
4. Delete account
5. Search account
6. Sort account information
7. Save data
8. Back
0. Exit

Enter choice: 2

```
-----LIBRARIAN ACCOUNT-----  
ID      Name      Wage($/day)  
-----  
1       idk       $10
```

THANK YOU

For listening

