Pseudocode:

Welcome to eBooks library

Main menu

1.Admin

2.User

Admin:

Admin login

* Login with valid passcode
* If 3 times invalid passcode is given account is blocked for some time

Menu:

1.Database

Database is created to store book details(book URLs)

Database Menu:

1.Insert books ( )

Insertion of book details

2.Retrieve books ( )

Retrieval of book details

3.Deletion books ( )

Deletion of book details

2.Customer Support

To resolve user queries using sockets

User:

1.Register

Register with valid username and password to download books

2.Login

Login with valid registered username and password

3.Forget password

If forgot login credentials need to provide valid registered details to recover the password

4.Customer support

To resolve user queries using sockets

5.Exit

User Menu:

1.Retrieve books ( )

Retrieval of book details(book URLs) to download books digitally

2.Customer Support

To resolve user queries using sockets

3.Exit

Customer support:

User – Server:

Creates Server Socket

Binds socket address with port address

Listens and accepts when admin is connected

Communication is established to resolve queries

Admin – Client:

Creates client socket

Connects with user

Communication is established to resolve queries

Signals:

Ctrl+c – To go to main menu

Ctrl+z – To exit