

C++ Programming Online Book Reader Project

Specs: Access

- Standard access
- The customer can do these 4 functionalities

Menu:

- 1: Login
- 2: Sign Up

```
Enter number in range 1 - 2: 2
Enter user name (No spaces): belal
Enter password (no spaces): 123
Enter name (no spaces): belal_mostafa
Enter email (no spaces): belal@gmail.com
```

Hello belal_mostafa | User View

Menu:

- 1: View Profile
- 2: List & Select from My Reading History
- 3: List & Select from Available Books
- 4: Logout

```
Enter number in range 1 - 4:
```

Specs: User

- The user can view his profile, which lists basic information

```
Hello belal_mostafa | User View
```

```
Menu:
```

```
1: View Profile
```

```
2: List & Select from My Reading History
```

```
3: List & Select from Available Books
```

```
4: Logout
```

```
Enter number in range 1 - 4: 1
```

```
Name: belal
```

```
Email: belal@gmail.com
```

```
User name: belal
```

Specs: User

- We can list the books and select one of them
- Once you select a book, a session is created for you for this book.
 - Listing its total pages
 - Where are you now (1 / 5)
 - Navigation (next and previous)
 - Stop reading
 - Remains in the sessions

Menu:

- 1: View Profile
- 2: List & Select from My Reading History
- 3: List & Select from Available Books
- 4: Logout

Enter number in range 1 - 4: 3

Our current book collection:

- 1 C++ how to program
- 2 Intro to algo
- 3 Data Structures in C++

Which book to read?:

Enter number in range 1 - 3: 1

Current Page: 1/5

A C++

Menu:

- 1: Next Page
- 2: Previous Page
- 3: Stop Reading

Specs: User

- We can navigate the book
- Observe, we stopped at page 3

```
Enter number in range 1 - 3: 1
Current Page: 2/5
B C++

Menu:
    1: Next Page
    2: Previous Page
    3: Stop Reading

Enter number in range 1 - 3: 1
Current Page: 3/5
C C++

Menu:
    1: Next Page
    2: Previous Page
    3: Stop Reading

Enter number in range 1 - 3: 1
Current Page: 4/5
D C++

Menu:
    1: Next Page
    2: Previous Page
    3: Stop Reading

Enter number in range 1 - 3: 2
Current Page: 3/5
C C++

Menu:
    1: Next Page
    2: Previous Page
    3: Stop Reading

Enter number in range 1 - 3: 3
```

Specs: User

- We can view opened session and decide to navigate from where we stopped
- The user can have multiple opened sessions of the same book
 - E.g. 3 entries for the C++ book
- If the user logged out then logged in, she can see the last sessions

Menu:

- 1: View Profile
- 2: List & Select from My Reading History
- 3: List & Select from Available Books
- 4: Logout

Enter number in range 1 - 4: 2

1: C++ how to program Page: 3/5 - 2021-12-19 10:24:59

Which session to open?:

Enter number in range 1 - 1: 1

Current Page: 3/5

C C++

Menu:

- 1: Next Page
- 2: Previous Page
- 3: Stop Reading

Specs: Admin

Menu:

- 1: Login
- 2: Sign Up

Enter number in range 1 - 2: 1

Enter user name (no spaces): mostafa

Enter password (no spaces): 111

Hello Mostafa Saad Ibrahim | Admin View

Menu:

- 1: View Profile
- 2: Add Book
- 3: Logout

Enter number in range 1 - 3: 2

Enter ISBN: 1245345345

Enter Title: DesignPatterns

Enter Author Name: MostafaSaad

Enter How many pages: 4

Enter page # 1: pg1

Enter page # 2: pg2

Enter page # 3: helloworld

Enter page # 4: singletonpattern