

C++ Programming Online Book Reader **Project**

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Online Book Reader Project

- **Functional Requirements**

- In this system, there are 2 users who could login/sign up
 - Admin User & Customer User
- Admin mainly for now just adds books to system
- User is reading 1 book at a time, but have history of sessions
 - During a session: s/he views current page of book and can navigate to other books

- **Non-Functional Requirements**

- **Usability:** The system is understandable, usable and compatible with other systems
- Security, reliability, performance, maintainability & scalability (optional)



Usability Testing

determines whether an application is

Useful

Findable

Accessible

Usable

Desirable

Online Book Reader Project

- Admin User
 - Can view his profile, Add books, Logout
 - Optional: Activate new user account, Edit/Delete/Search books, etc
- Customer User
 - Can view his profile, list current system books, view his current reading sessions
 - Each session for a book, maintains which was last reading page, date of last reading
 - During an opened session: Can Go to next or previous page or stop reading
 - Optional: Search for book, remove a session, jump to page in reading
- Optional: Split code to separate files, Use files, parallel access
- Provide 2 UML Diagrams: Before and After
- Do mandatory features first

“Acquire knowledge and impart it to the people.”

“Seek knowledge from the Cradle to the Grave.”