

# *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



# 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.”*