### **CPTS583**

### **Deliverable 3-1**

### Preliminary requirements of a librarian assistant:

- Secure user registration and management
- Secure librarian privileges to access general registered users
- Efficient book search
- Easy-to-use user interface for placing a hold, checking out, and returning a book

## Some understanding of their work:

- Easy to setup by following README
- Using Flask as web framework which is easy to maintain
- The product has four web pages with simple text content which are easy to learn
- Using Berypt to encrypt data transmission for security
- Implemented function: user register and login, checking out a book, returning a book, and show list of books.



# Library Assistant Login

Username:				
Passw	ord:			
Login	Register			

Register and login



## Library Assistant Main Page

Hello, test

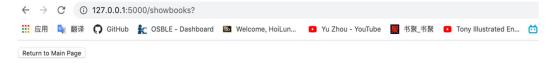
You haven't check out any book currently!

Title or ISBN:

Title: • ISBN: • checkout

list available books
logout

### Main page



### List of Available Books:

Title	Author	ISBN	Publication Date
Data science	Cai	1234560000	2020-02-23
Like	Bill Gates	4213120000	2019-01-01

List of books



# Library Assistant Main Page

Hello, test

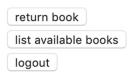
You have a checked out book!

Title: Data science

Author: Cai

Publication Date: 2020-02-23

ISBN: 1234560000



checking out a book

## Preparation for Deliverable 3-2

• Use the test cases or other quality evaluation software to evaluate whether it satisfied the quality metrics or not