

## 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 Bcrypt 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:

Password:

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

return book

list available books

logout

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