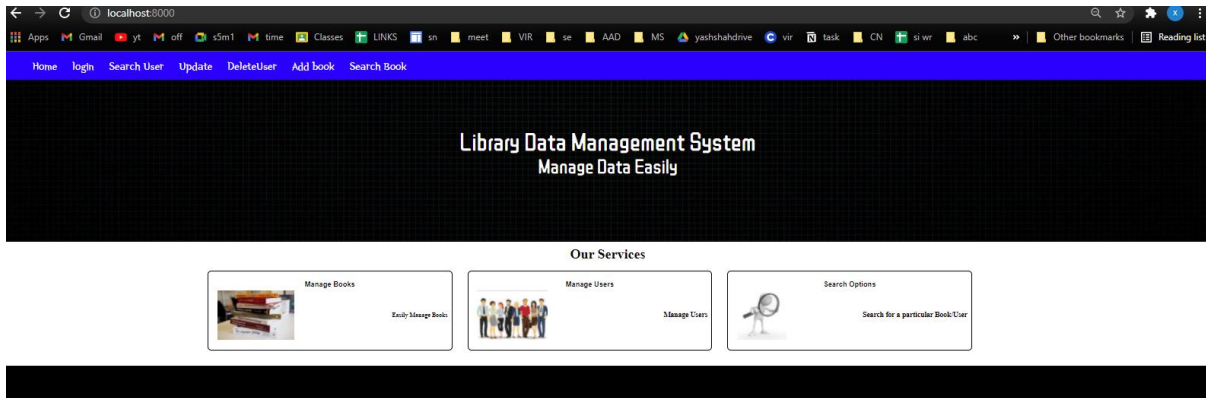
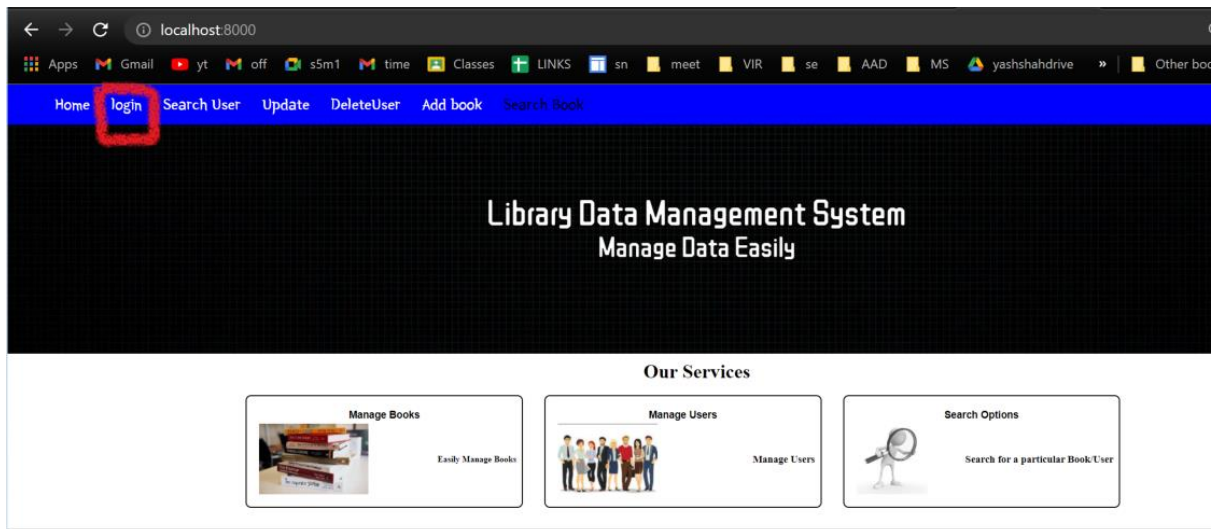


PRACTICAL-10-YASH SHAH

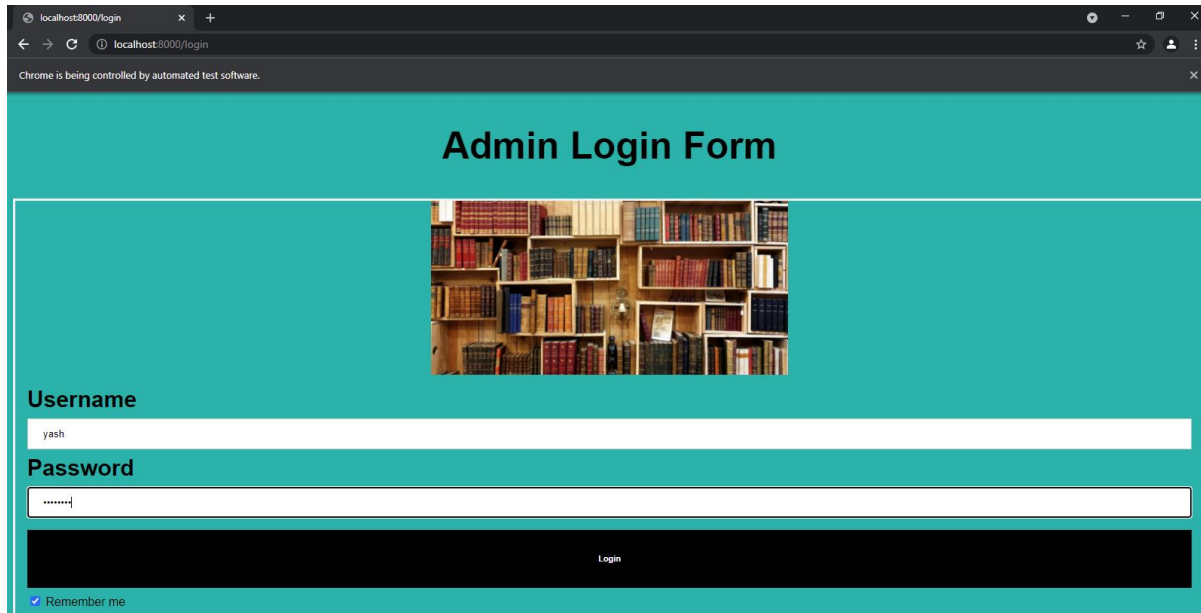
AIM-Perform Automation Testing on the moduls that you have developed for mini project. Apply test cases that you have carried out in previous practical

TESTING ADMIN MODULE OF LIBRARY MANAGEMENT SYSTEM**1)Testing Login Module****CODE**

```
from selenium import webdriver
from selenium.webdriver.support.ui import WebDriverWait
from webdriver_manager.chrome import ChromeDriverManager
from selenium.webdriver.chrome.options import Options
import time
driver = webdriver.Chrome(ChromeDriverManager().install())
driver.get("http://localhost:8000/login")
driver.maximize_window()
a=driver.find_element_by_name("uname")
a.send_keys("yash")
b=driver.find_element_by_name("psw")
b.send_keys("yash@123")
c=driver.find_element_by_xpath("//body/form[@action='/login']//button[@type='submit']")
```

```
c.click()
```

OUTPUT



The screenshot shows a web browser window with the address bar displaying 'localhost:8000/login'. The page title is 'Admin Login Form'. The form has a teal background and a central image of a bookshelf. It contains two input fields: 'Username' with the value 'yash' and 'Password' with masked characters. A 'Login' button is at the bottom. A 'Remember me' checkbox is checked.

Admin Login Form

Username

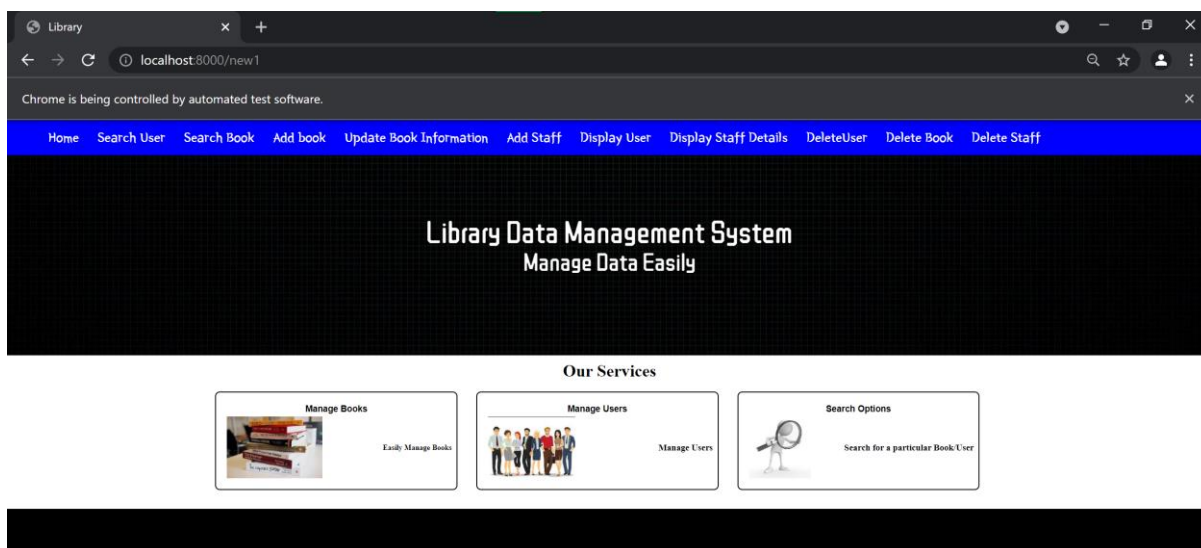
yash

Password

Login

☒ Remember me

AFTER LOGIN SUCCESSFULLY REDIRECTED TO ADMIN PANEL



2)Testing Add Book Feature



CODE

```

from selenium import webdriver
from selenium.webdriver.support.ui import WebDriverWait
from webdriver_manager.chrome import ChromeDriverManager
from selenium.webdriver.chrome.options import Options
import time

driver = webdriver.Chrome(ChromeDriverManager().install())
driver.get("http://localhost:8000/new1")
driver.maximize_window()
time.sleep(3)
addbook=driver.find_element_by_xpath("//nav[@id='navbar']/ul//a[@href='/addbook']")
addbook.click()
time.sleep(2)
bookname=driver.find_element_by_name("bookname")
bookname.send_keys("abc")
author=driver.find_element_by_name("author")
author.send_keys("xyz")
price=driver.find_element_by_name("price")
price.send_keys("323443")
time.sleep(3)
submit=driver.find_element_by_xpath("//body/form[@action='/addbook']/div[@class='container']/h5[.='ADD BOOK']")
submit.click()

driver.find_element_by_class_name("")


```

localhost:8000/addbook x +

localhost:8000/addbook

Chrome is being controlled by automated test software.

Add A Book



BookName
abc

Book Author
xyz

Price
323443

ADD BOOK

localhost:8000/addbook x +

localhost:8000/addbook

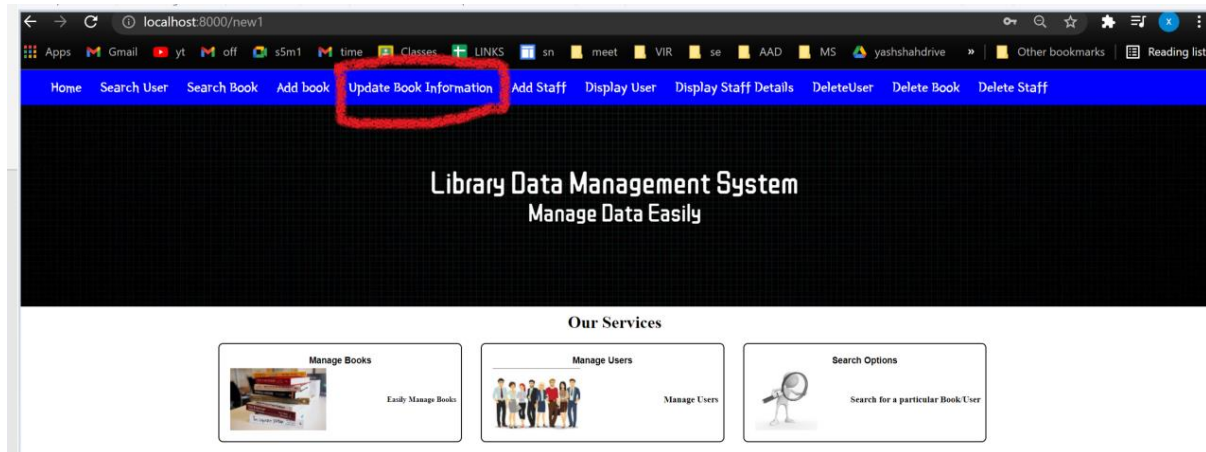
Chrome is being controlled by automated test software.

Book added successfully

ID	BOOK	AUTH	PRICE
22	abc	xyz	323443
NULL	NULL	NULL	NULL

addbook1 v

3)Update book Information Test



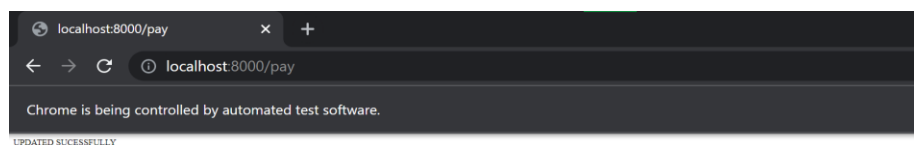
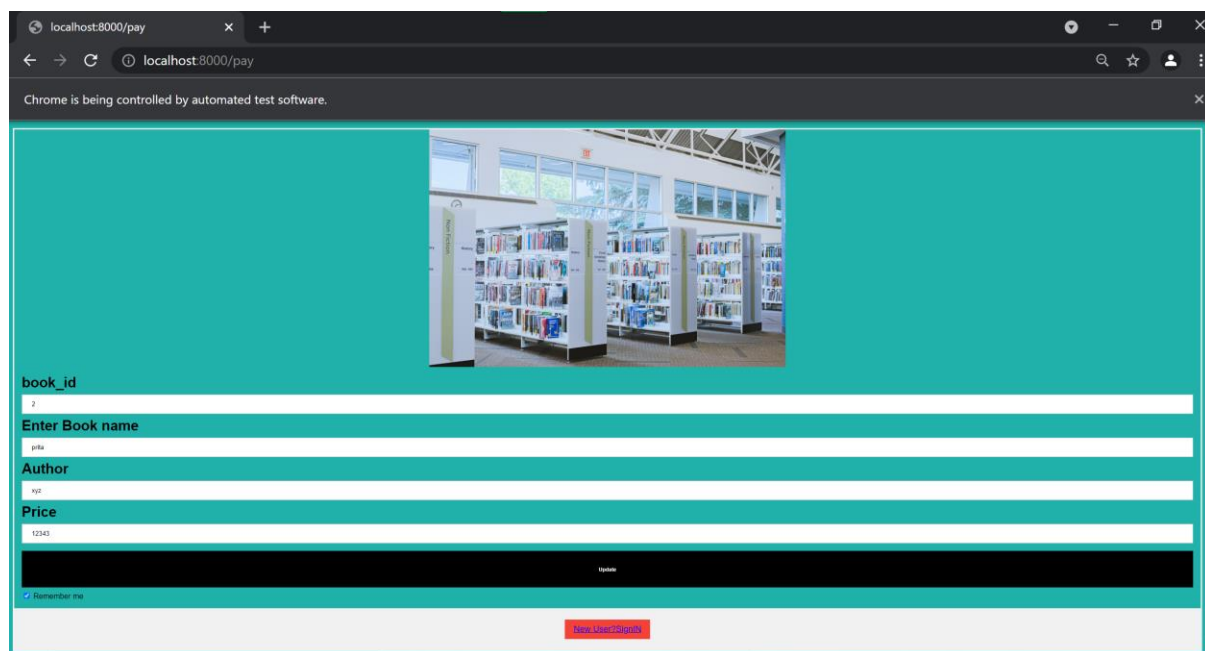
CODE

```
from selenium import webdriver
from selenium.webdriver.support.ui import WebDriverWait
from webdriver_manager.chrome import ChromeDriverManager
from selenium.webdriver.chrome.options import Options
import time
driver = webdriver.Chrome(ChromeDriverManager().install())
driver.get("http://localhost:8000/new1")
driver.maximize_window()
time.sleep(3)
updatebook=driver.find_element_by_xpath("//nav[@id='navbar']/ul/li/a[@href='/pay']")
updatebook.click()
time.sleep(2)
bid=driver.find_element_by_name("book_id")
bid.send_keys("4")
bookname=driver.find_element_by_name("bookname")
bookname.send_keys("pritam")
author=driver.find_element_by_name("author")
author.send_keys("xyz")
price=driver.find_element_by_name("price")
price.send_keys("12343")
submit=driver.find_element_by_xpath("//body/form[@action='/pay']//button[@type='submit']")
submit.click()
```

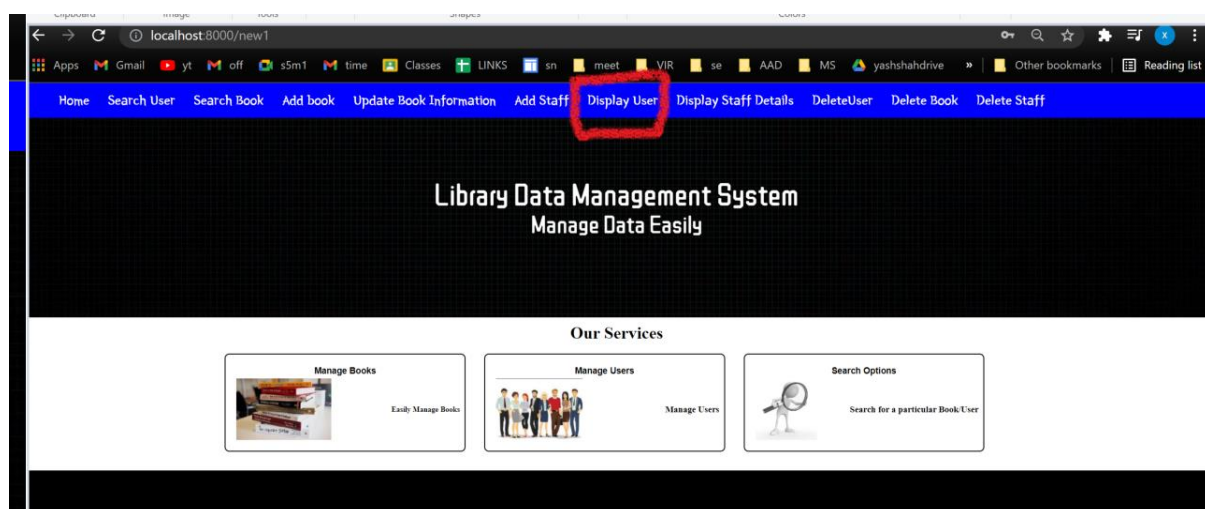
Before Update

	book_id	bookname	author	price
▶	2	pritam	xyz	12343
	4	BE	schand	400

OUTPUT



4) Display User Functionality Test

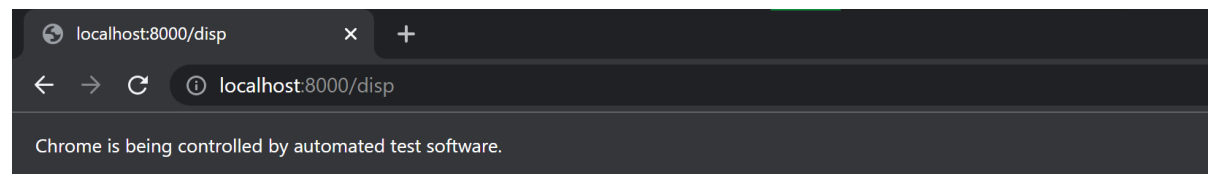


CODE-

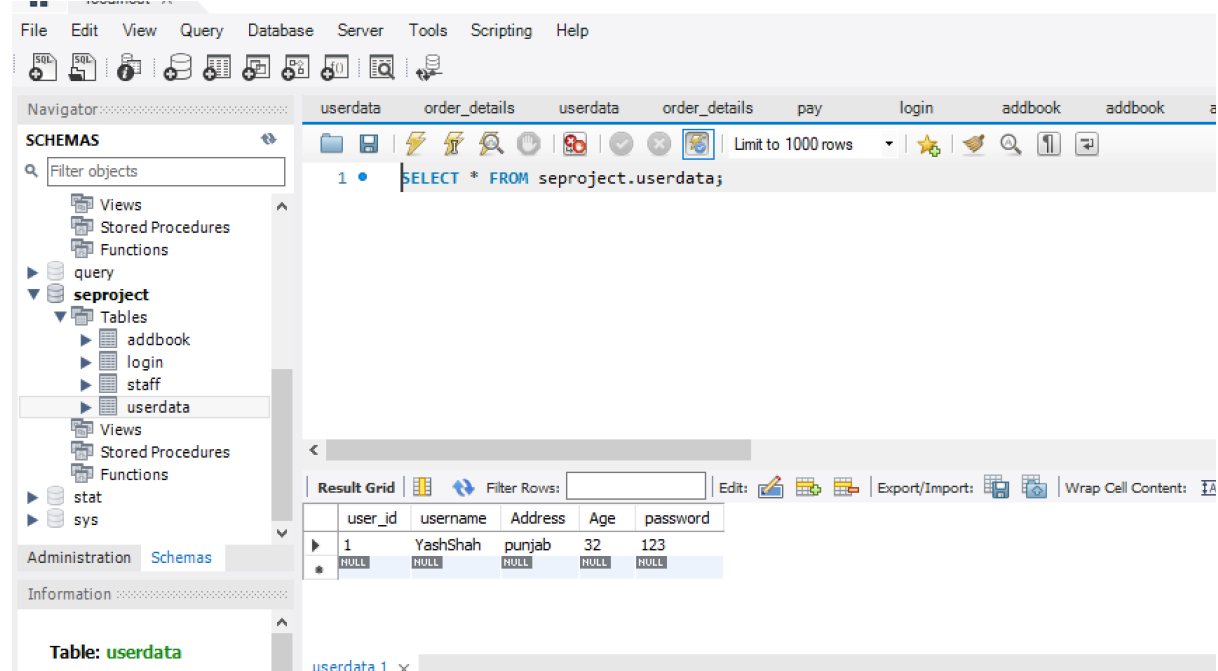
```
from selenium import webdriver
from selenium.webdriver.support.ui import WebDriverWait
from webdriver_manager.chrome import ChromeDriverManager
from selenium.webdriver.chrome.options import Options
```

```
import time
driver = webdriver.Chrome(ChromeDriverManager().install())
driver.get("http://localhost:8000/new1")
driver.maximize_window()
time.sleep(3)
ds=driver.find_element_by_xpath("//nav[@id='navbar']/ul//a[@href='/disp']")
ds.click()
```

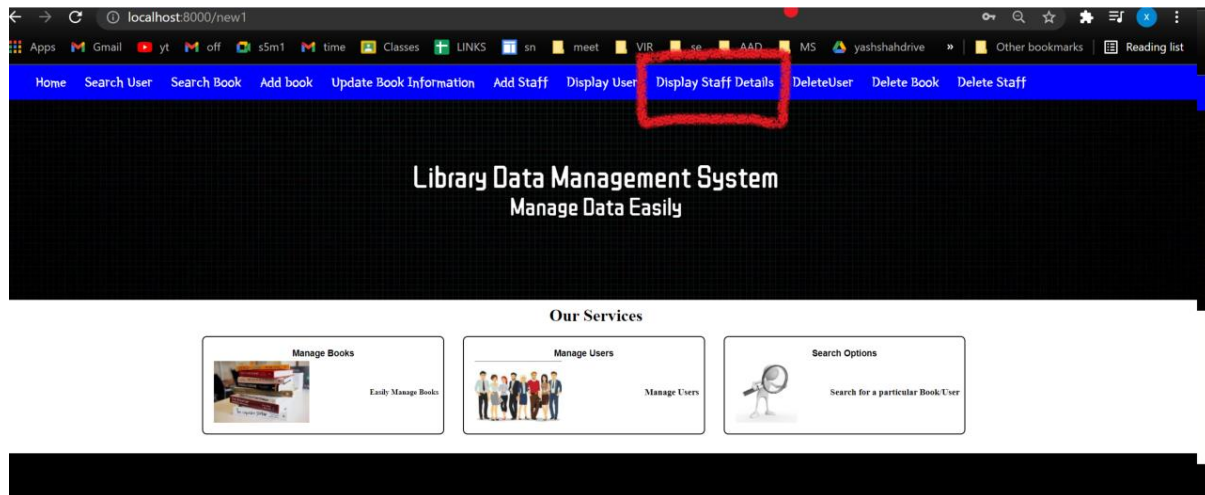
OUTPUT



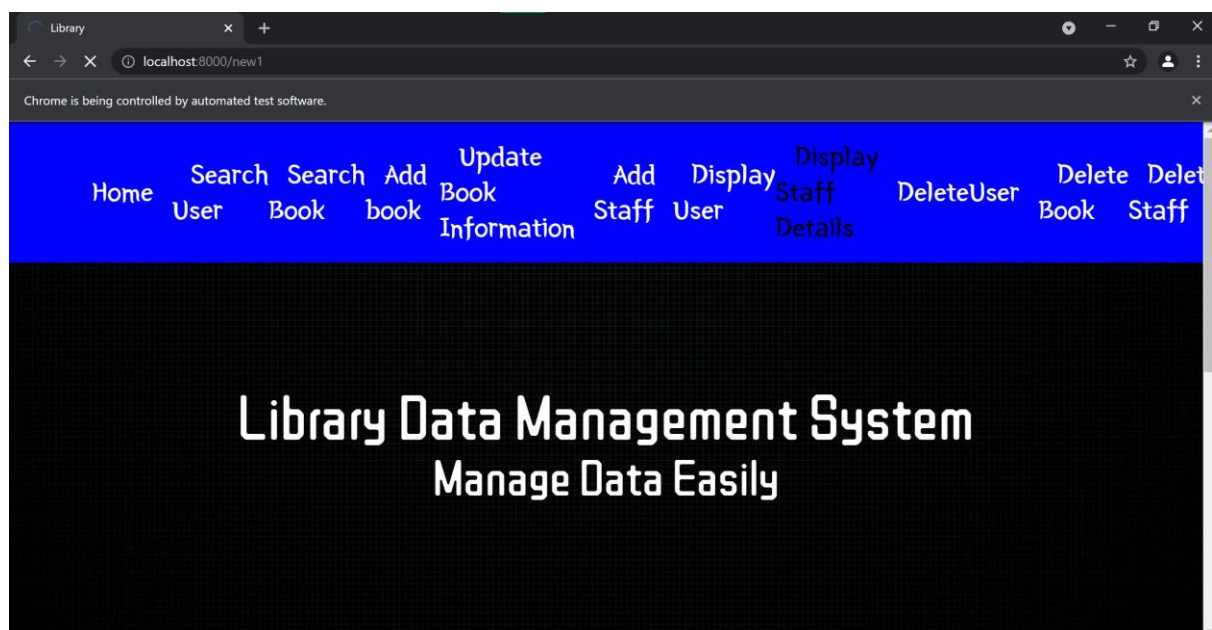
```
[{"user_id":1,"username":"YashShah","Address":"punjab","Age":32,"password":"123"}]
```

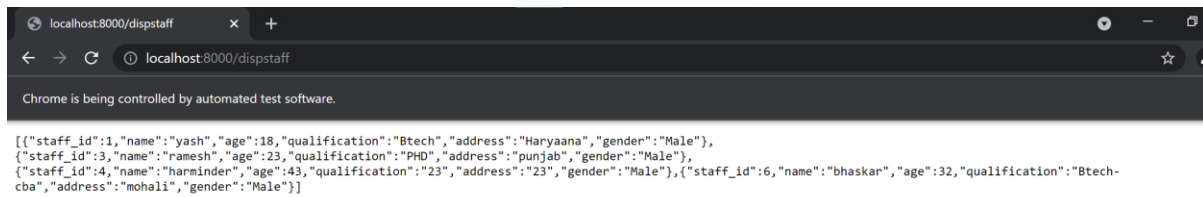


5)Display Staff Details Test

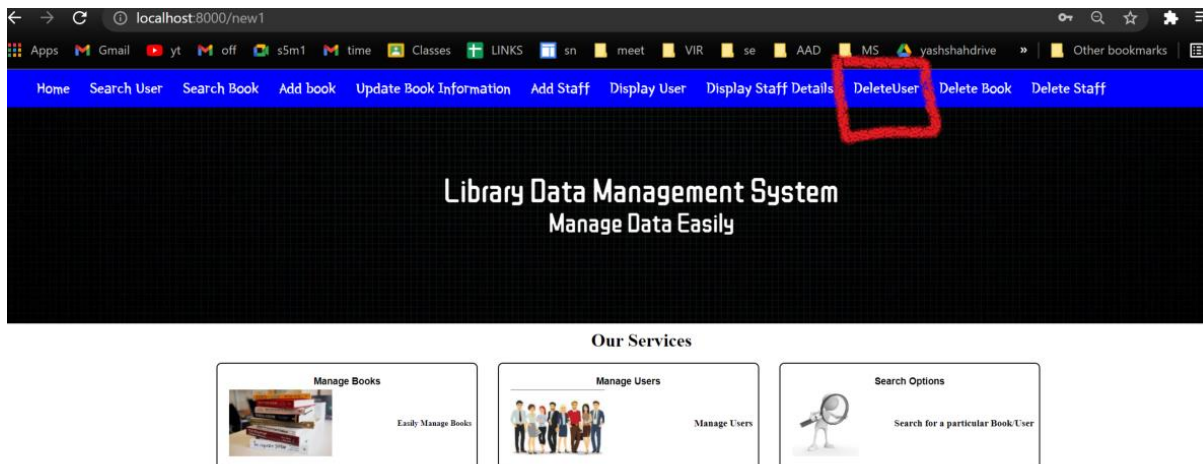
**CODE-**

```
from selenium import webdriver
from selenium.webdriver.support.ui import WebDriverWait
from webdriver_manager.chrome import ChromeDriverManager
from selenium.webdriver.chrome.options import Options
import time
driver = webdriver.Chrome(ChromeDriverManager().install())
driver.get("http://localhost:8000/new1")
driver.maximize_window()
time.sleep(3)
ds=driver.find_element_by_xpath("//nav[@id='navbar']/ul//a[@href='/dispstaff']")
ds.click()
```

OUTPUT



6)Delete User Test



Code:

```
from selenium import webdriver
from selenium.webdriver.support.ui import WebDriverWait
from webdriver_manager.chrome import ChromeDriverManager
from selenium.webdriver.chrome.options import Options
import time
driver = webdriver.Chrome(ChromeDriverManager().install())
driver.get("http://localhost:8000/new1")
driver.maximize_window()
time.sleep(3)
searchbook=driver.find_element_by_xpath("//nav[@id='navbar']/ul//a[@href='/track']")
searchbook.click()
time.sleep(2)
a=driver.find_element_by_xpath("//body/form[@action='/track']//input[@name='user_id']")
a.send_keys("1")
time.sleep(1)
b=driver.find_element_by_xpath("//body/form[@action='/track']//button[@type='submit']")
b.click()
```


OUTPUT

localhost:8000/track

localhost:8000/track

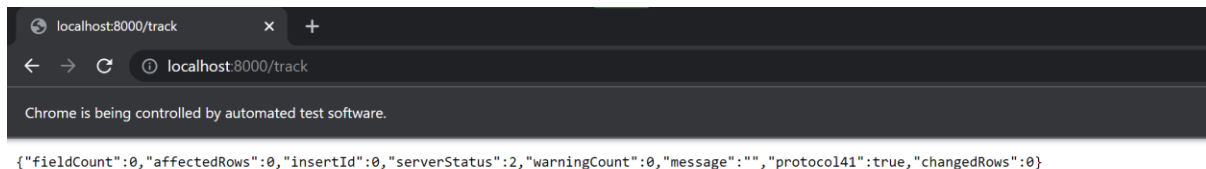
Chrome is being controlled by automated test software.

Delete User Information

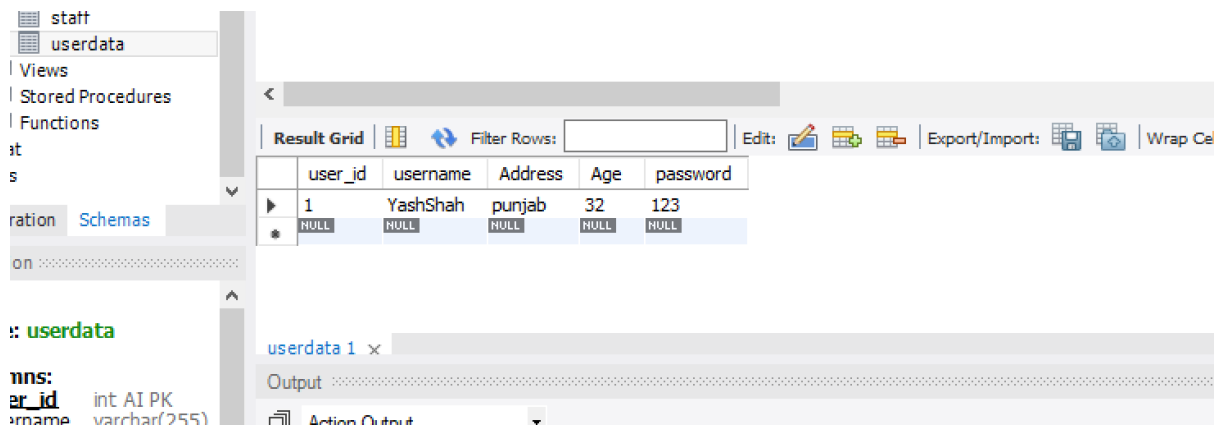


Enter User Id

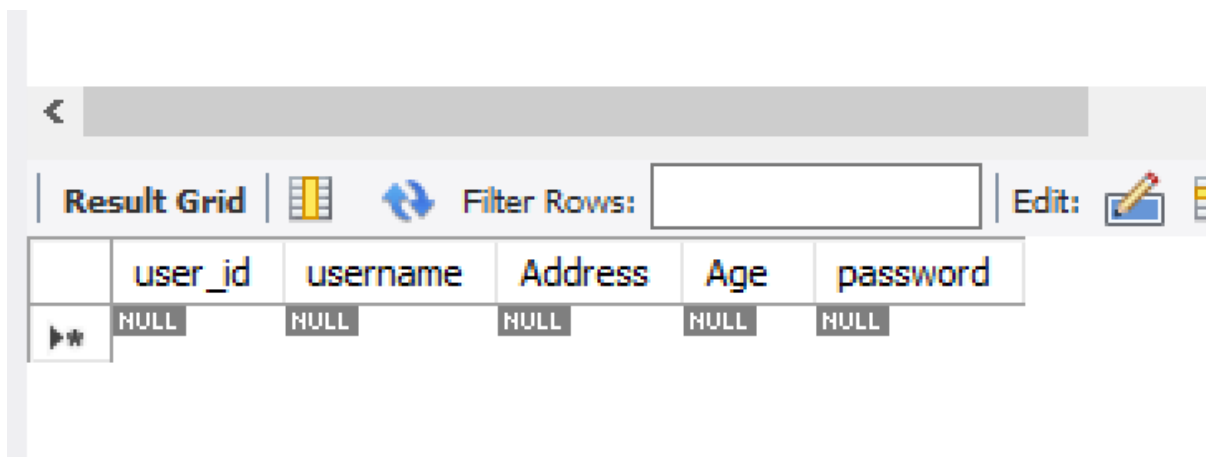
Delete USER



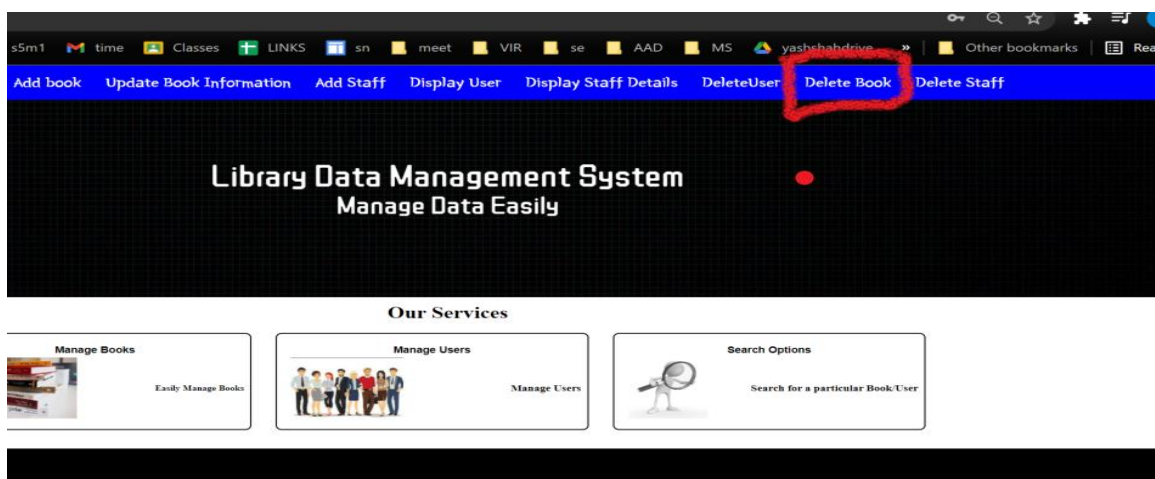
Before Delete



After Delete



7)Delete Book-TEST



CODE

```

from selenium import webdriver
from selenium.webdriver.support.ui import WebDriverWait
from webdriver_manager.chrome import ChromeDriverManager
from selenium.webdriver.chrome.options import Options
import time
driver = webdriver.Chrome(ChromeDriverManager().install())
driver.get("http://localhost:8000/new1")
driver.maximize_window()
time.sleep(3)
searchbook=driver.find_element_by_xpath("//nav[@id='navbar']/ul//a[@href='/db'
]")
searchbook.click()
time.sleep(2)
a=driver.find_element_by_xpath("//body/form[@action='/track']//input[@name='bo
ok_id']")
a.send_keys("2")
time.sleep(1)
b=driver.find_element_by_xpath("//body/form[@action='/db']/div[@class='contain
er']//h5[.='Delete Book Information']")
b.click()

```

OUTPUT

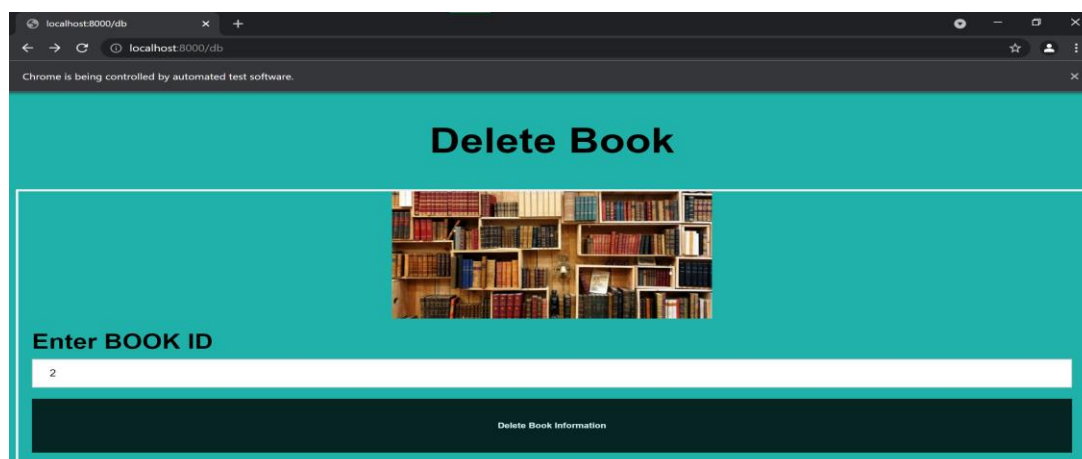
Before Delete

rugm
 staff
 userdata
 ws
 red Procedures
 ctions

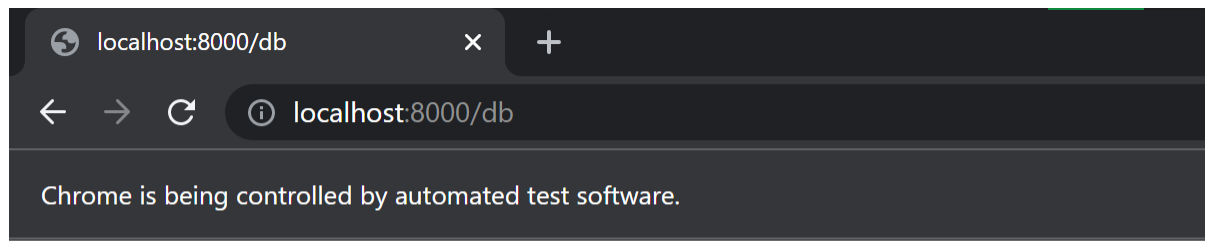
Result Grid

	book_id	bookname	author	price
▶	2	prita	xyz	12343
	4	BE	schand	400
	5	two states	chetan bhagat	10
	6	ABCD	abx	78
	7	vir	rbs	150

addbook1 x



After Delete



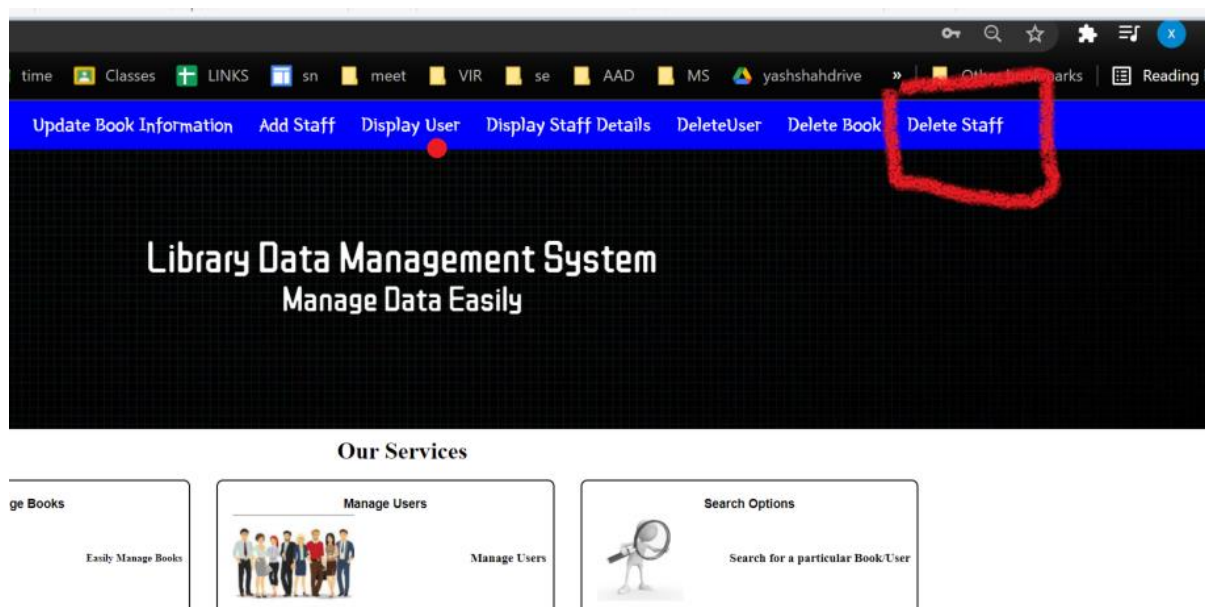
Book Deleted

Result Grid

	book_id	bookname	author	price
▶	4	BE	schand	400
	5	two states	chetan bhagat	10
	6	ABCD	abx	78
	7	vir	rbs	150
	8	ABC	ABC	100

addbook1 x

8)Delete Staff-TEST



CODE

```
from selenium import webdriver
from selenium.webdriver.support.ui import WebDriverWait
from webdriver_manager.chrome import ChromeDriverManager
```

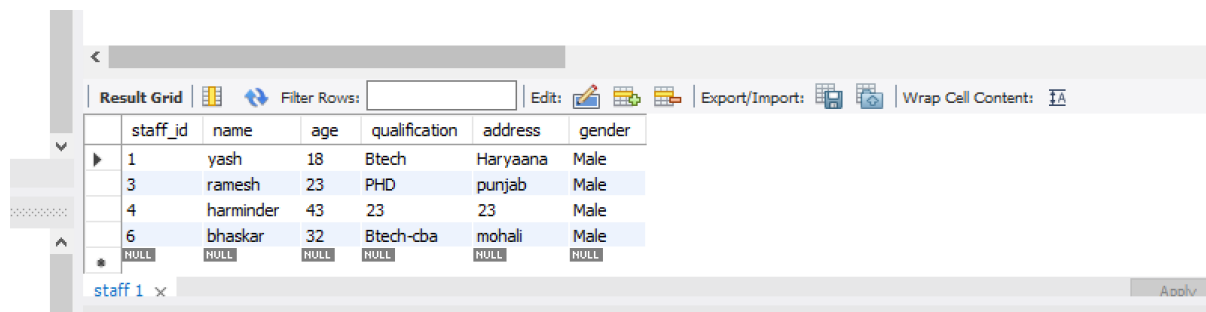
```

from selenium.webdriver.chrome.options import Options
import time
driver = webdriver.Chrome(ChromeDriverManager().install())
driver.get("http://localhost:8000/new1")
driver.maximize_window()
time.sleep(3)
searchbook=driver.find_element_by_xpath("//nav[@id='navbar']/ul//a[@href='/ds'
]")
searchbook.click()
time.sleep(2)
a=driver.find_element_by_xpath("//nav[@id='navbar']/ul//a[@href='/ds'
]")
a.send_keys("1")
time.sleep(1)
b=driver.find_element_by_xpath("//body/form[@action='/ds']//button[@type='subm
it'
]")
b.click()

```

OUTPUT

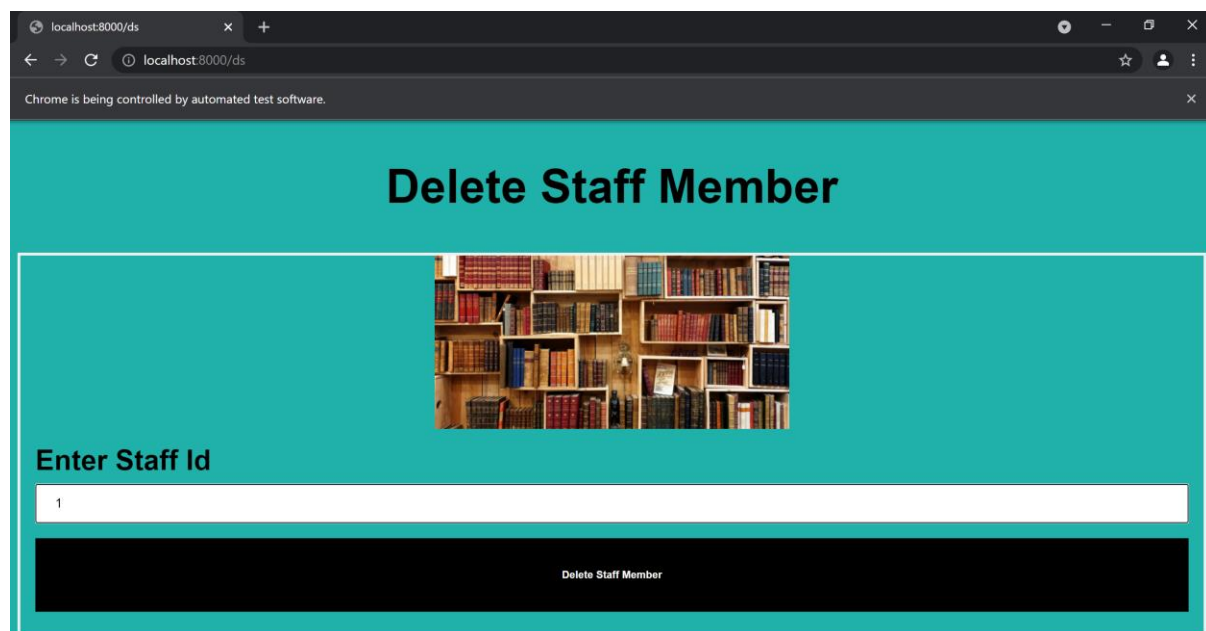
Before Delete



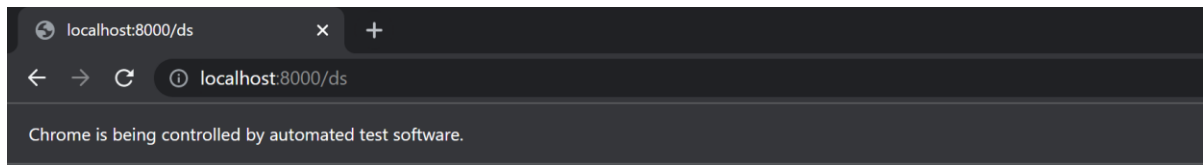
The screenshot shows a web application interface with a table of staff members. The table has columns for staff_id, name, age, qualification, address, and gender. The data rows are as follows:

staff_id	name	age	qualification	address	gender
1	yash	18	Btech	Haryaana	Male
3	ramesh	23	PHD	punjab	Male
4	harinder	43	23	23	Male
6	bhaskar	32	Btech-cba	mohali	Male
NULL	NULL	NULL	NULL	NULL	NULL

The interface includes a 'Result Grid' header, a 'Filter Rows' input field, and an 'Apply' button at the bottom right.



The screenshot shows a web application interface titled 'Delete Staff Member'. It features a teal header with the title. Below the header is a large image of a bookshelf. Underneath the image is a form with the label 'Enter Staff Id' and a text input field containing the value '1'. At the bottom of the form is a black button labeled 'Delete Staff Member'.



Result Grid

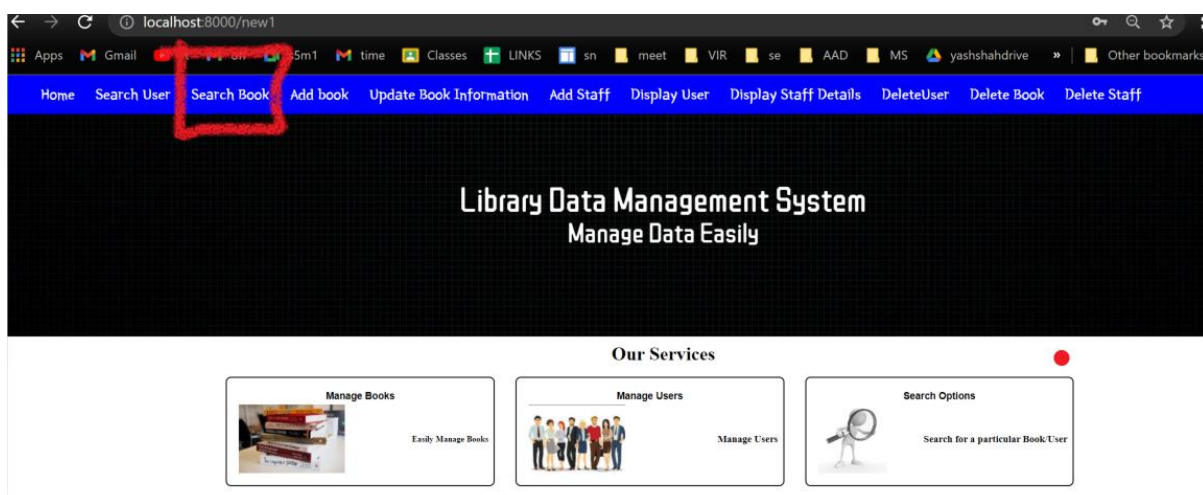
Filter Rows:

Edit: Export/Import:

	staff_id	name	age	qualification	address	gender
	3	ramesh	23	PHD	punjab	Male
	4	harminder	43	23	23	Male
	6	bhaskar	32	Btech-cba	mohali	Male
	NULL	NULL	NULL	NULL	NULL	NULL

staff 1 x

9)Search Book Test

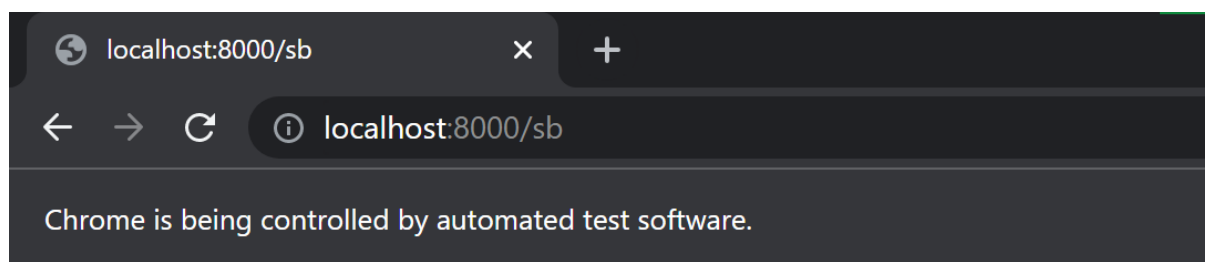
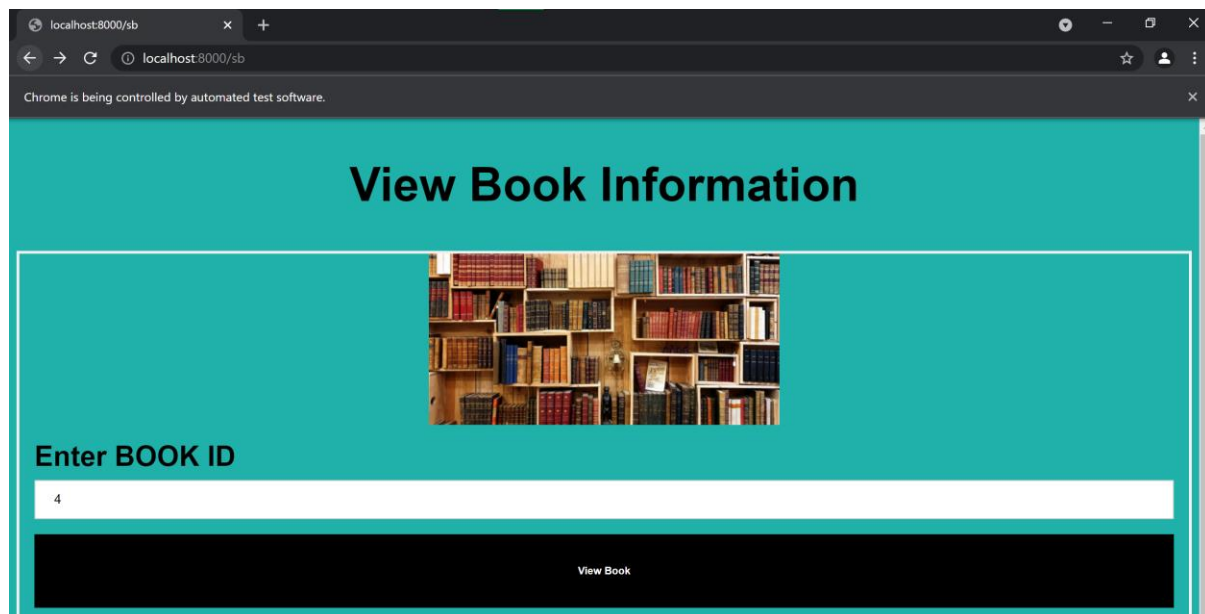


CODE

```
from selenium import webdriver
from selenium.webdriver.support.ui import WebDriverWait
from webdriver_manager.chrome import ChromeDriverManager
from selenium.webdriver.chrome.options import Options
import time
driver = webdriver.Chrome(ChromeDriverManager().install())
driver.get("http://localhost:8000/new1")
driver.maximize_window()
time.sleep(3)
```

```
searchbook=driver.find_element_by_xpath("//nav[@id='navbar']/ul//a[@href='/sb']")
searchbook.click()
time.sleep(2)
a=driver.find_element_by_name("book_id")
a.send_keys("4")
time.sleep(1)
b=driver.find_element_by_xpath("//body/form[@action='/sb']//button[@type='submit']")
b.click()
```

OUTPUT



4 BE schand 400