Test Suite Document

For

LIBRARY INFORMATION SYSTEM

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Animesh Mukherjee

Indian Institute Of Technology Kharagpur

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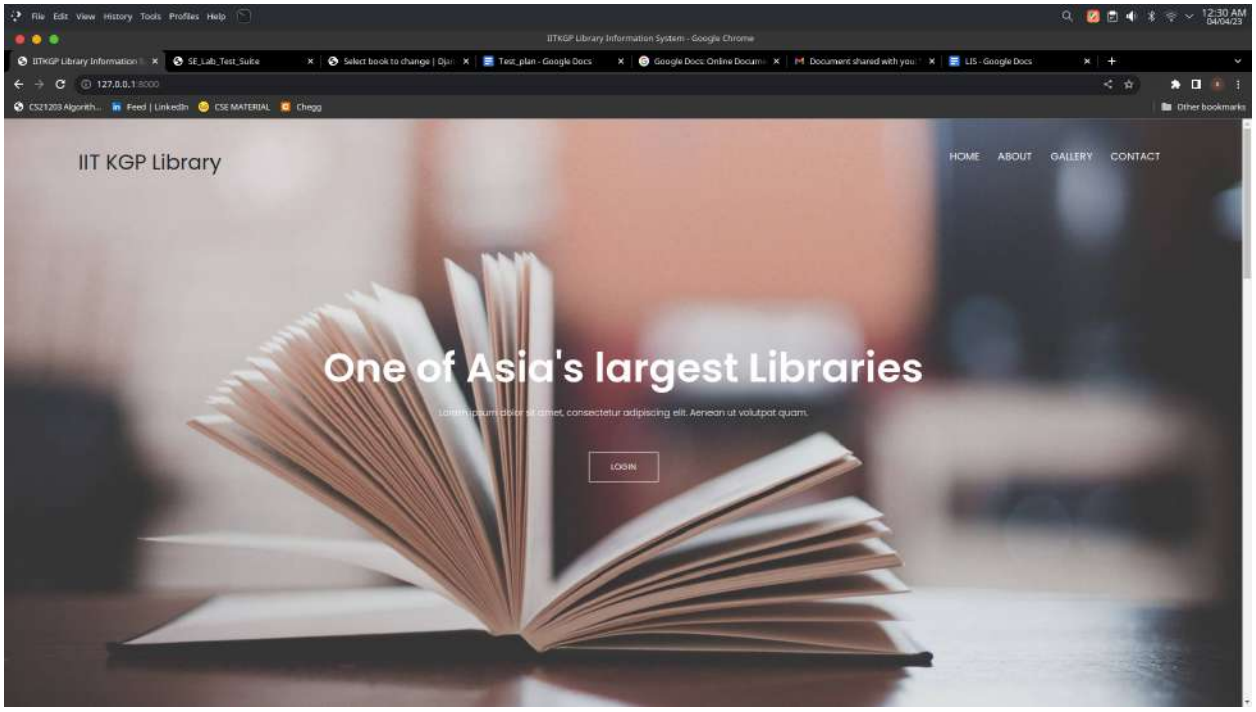
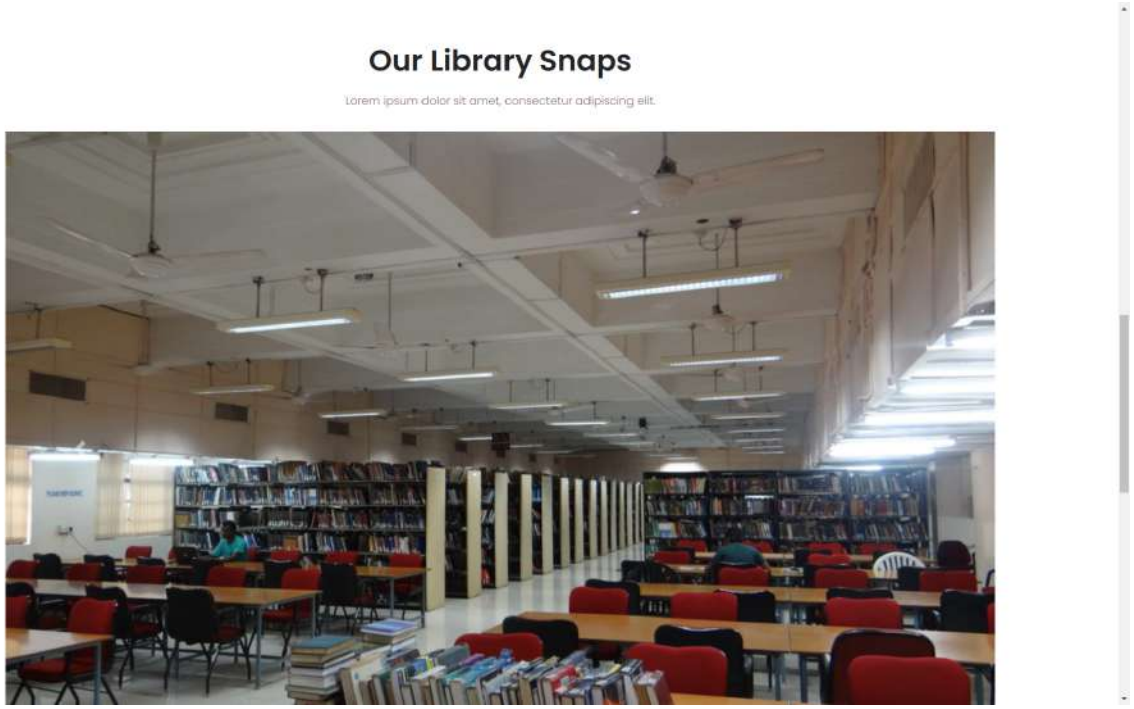
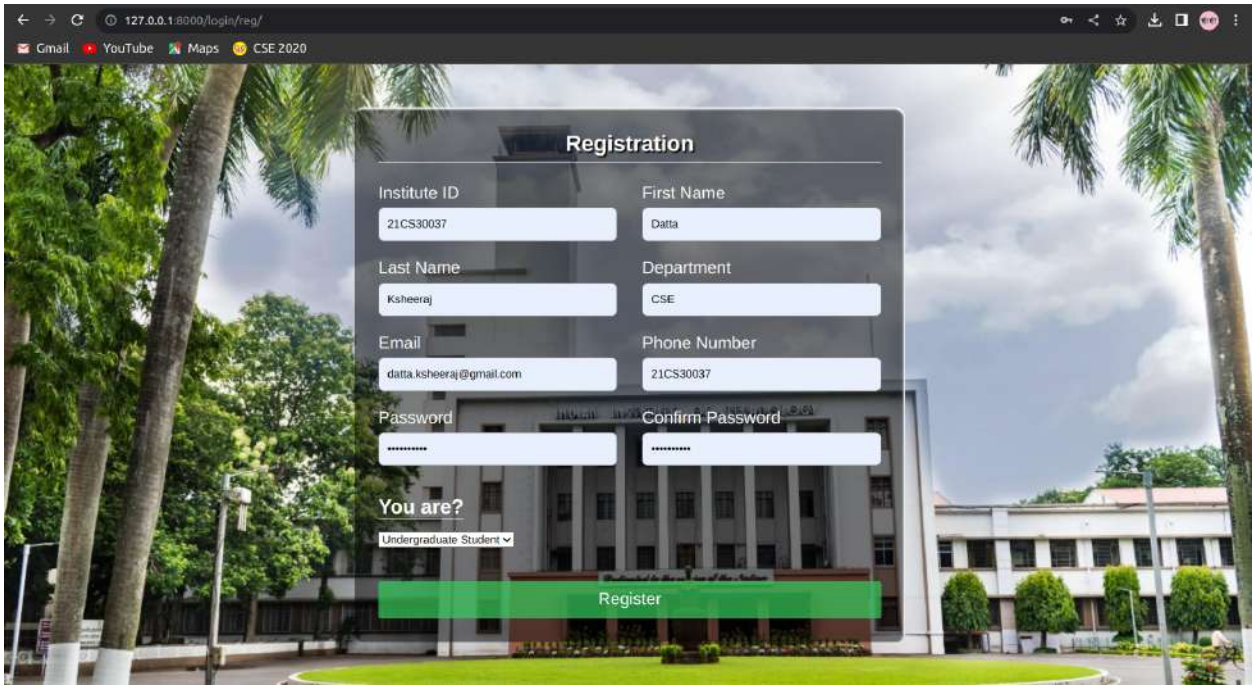
LIBRARY INFORMATION SYSTEM
USER:
Home Page:



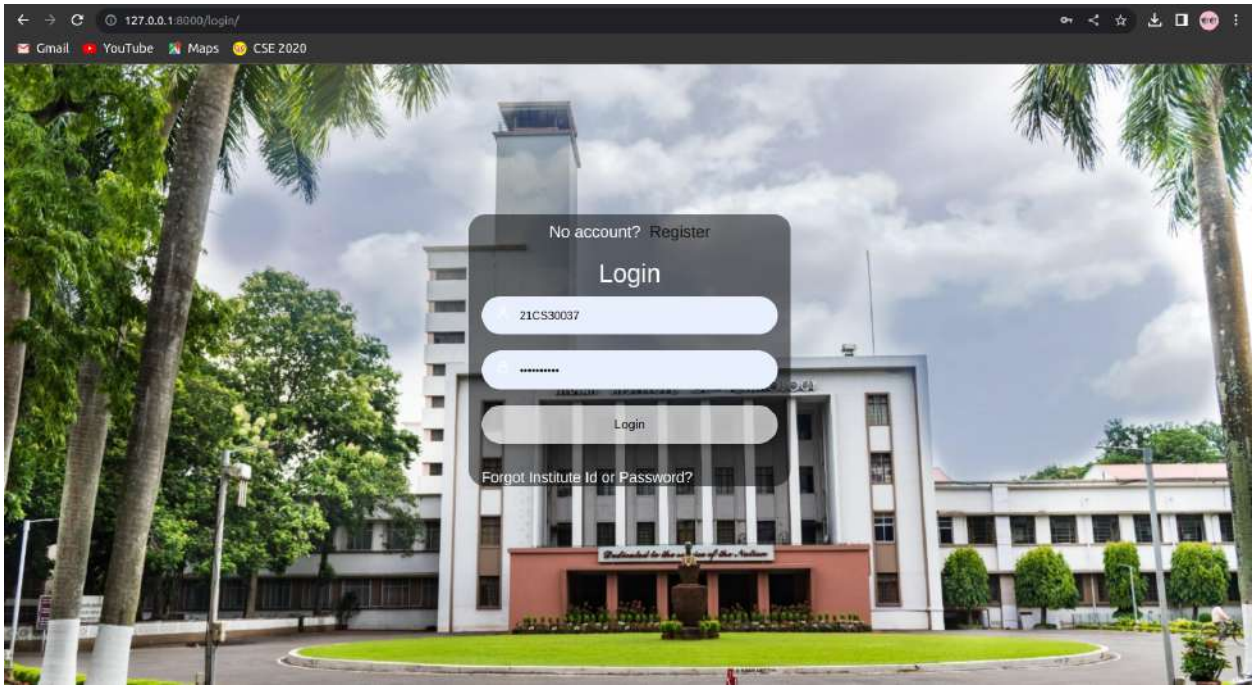


Registration page:



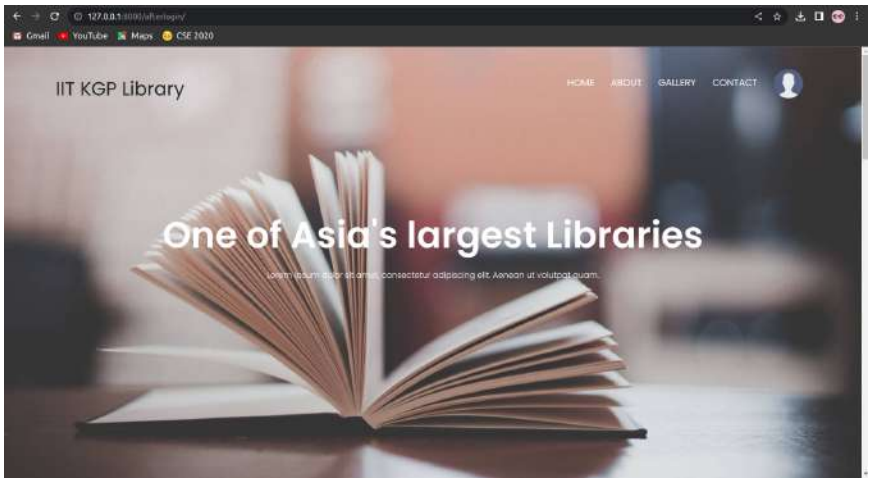
Successful Registration:

Login page(login page is common for Users(students/faculty) and the clerk:

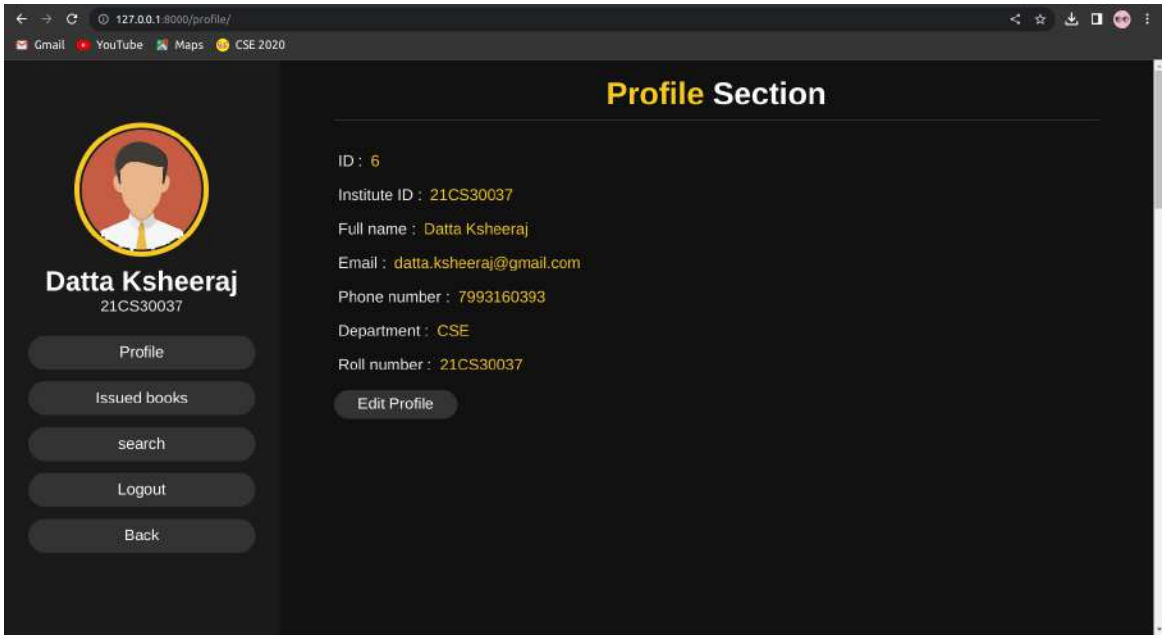


invalid login :

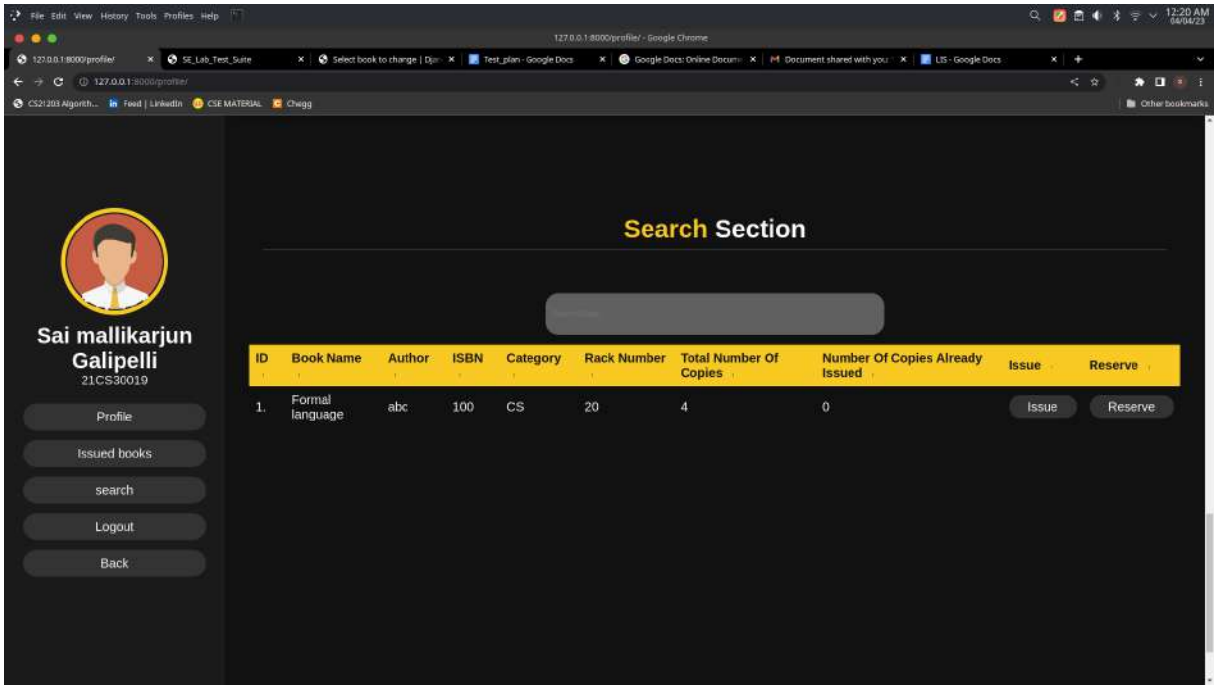
Successful login landing page:



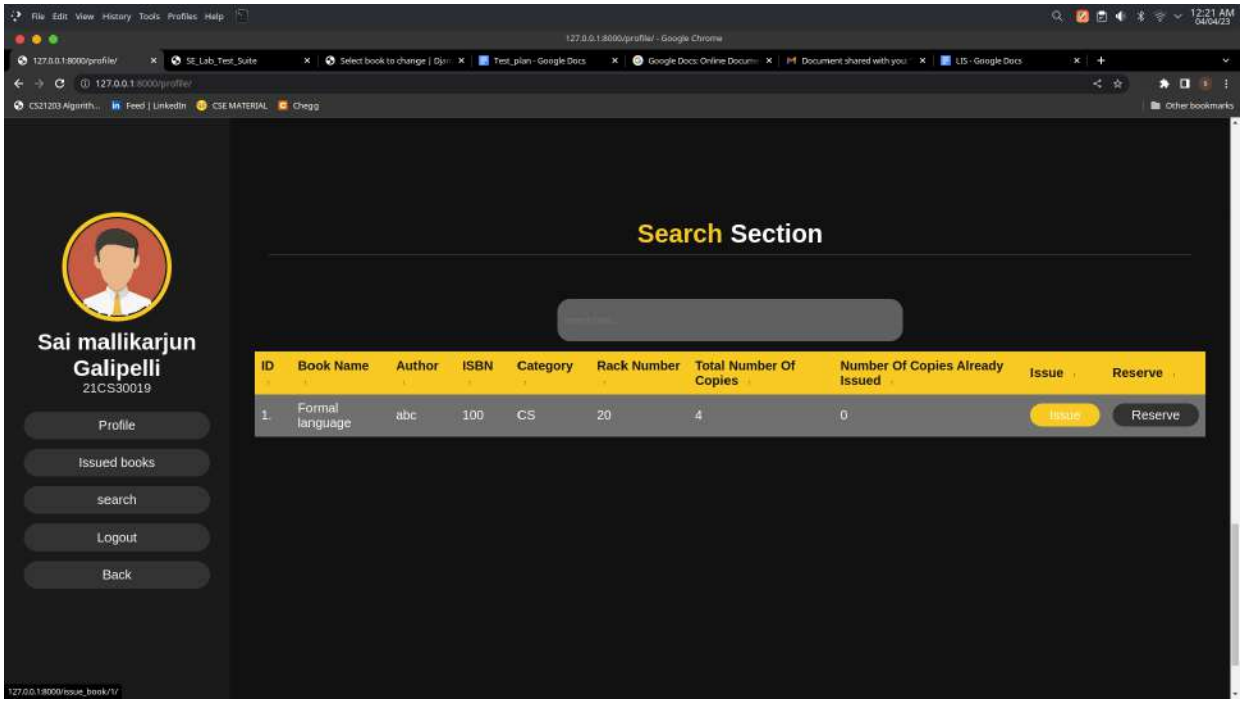
Profile:



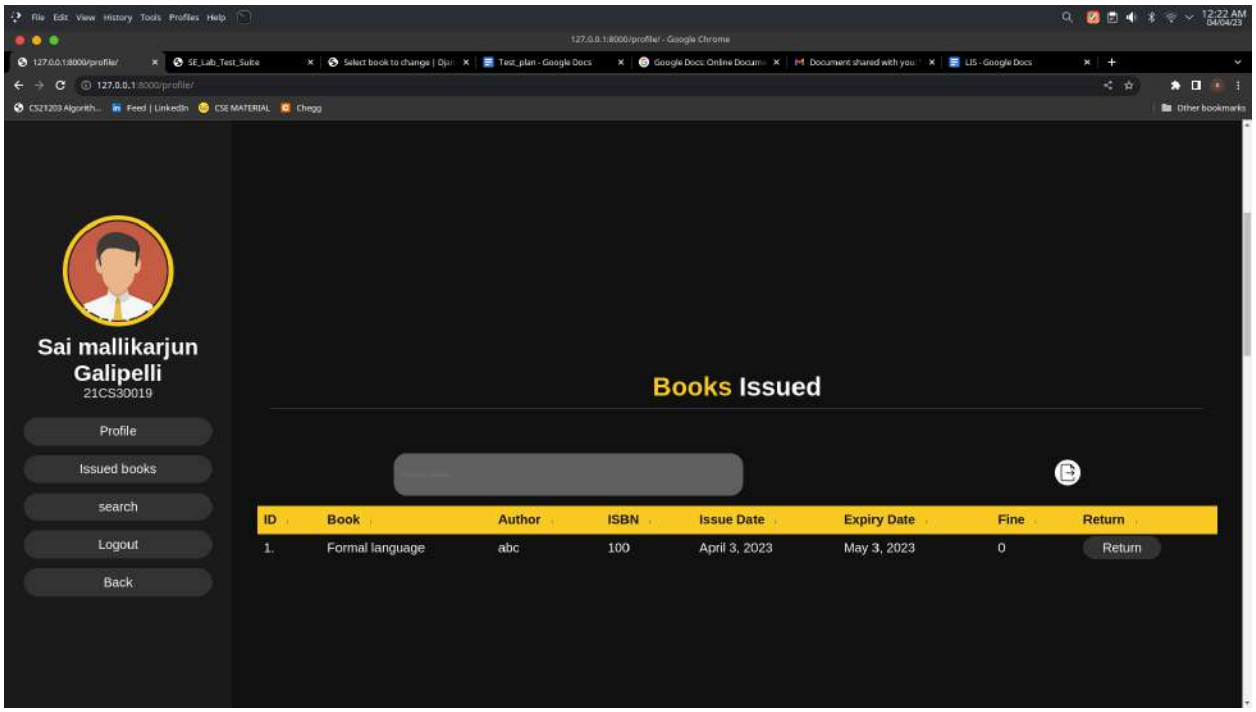
Users can view issued books, search books and view if there are any books reserved.



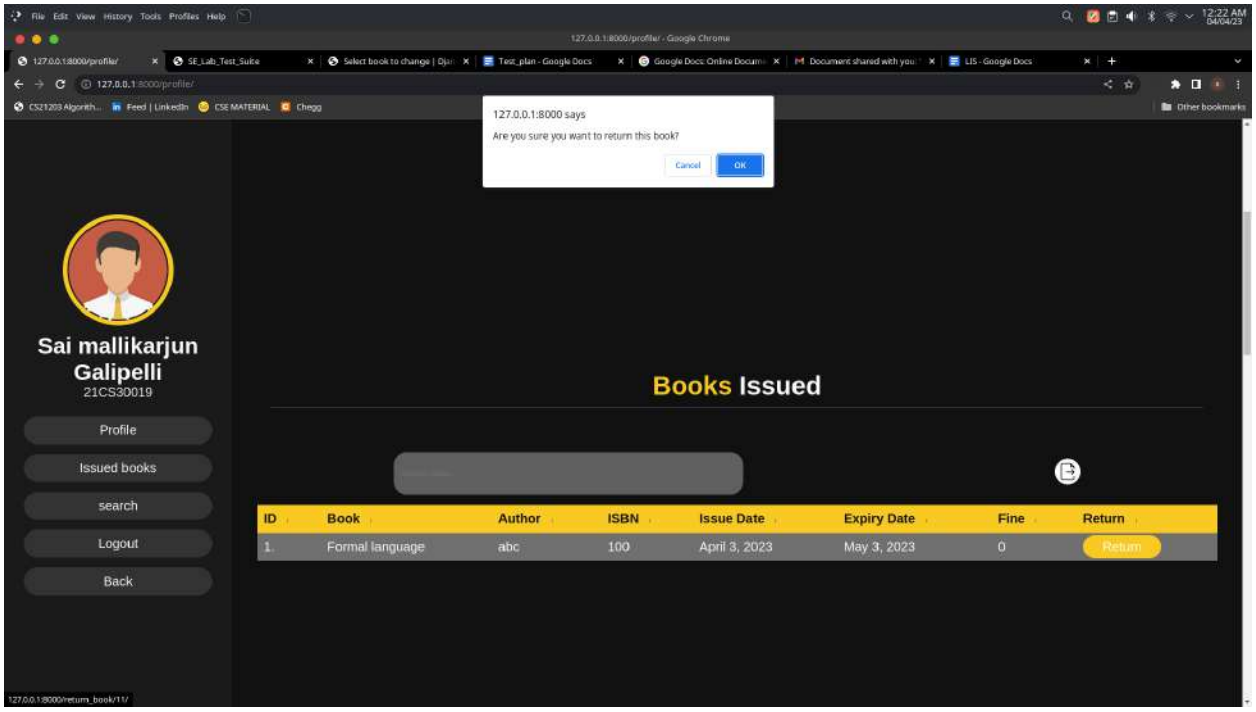
Issue book:



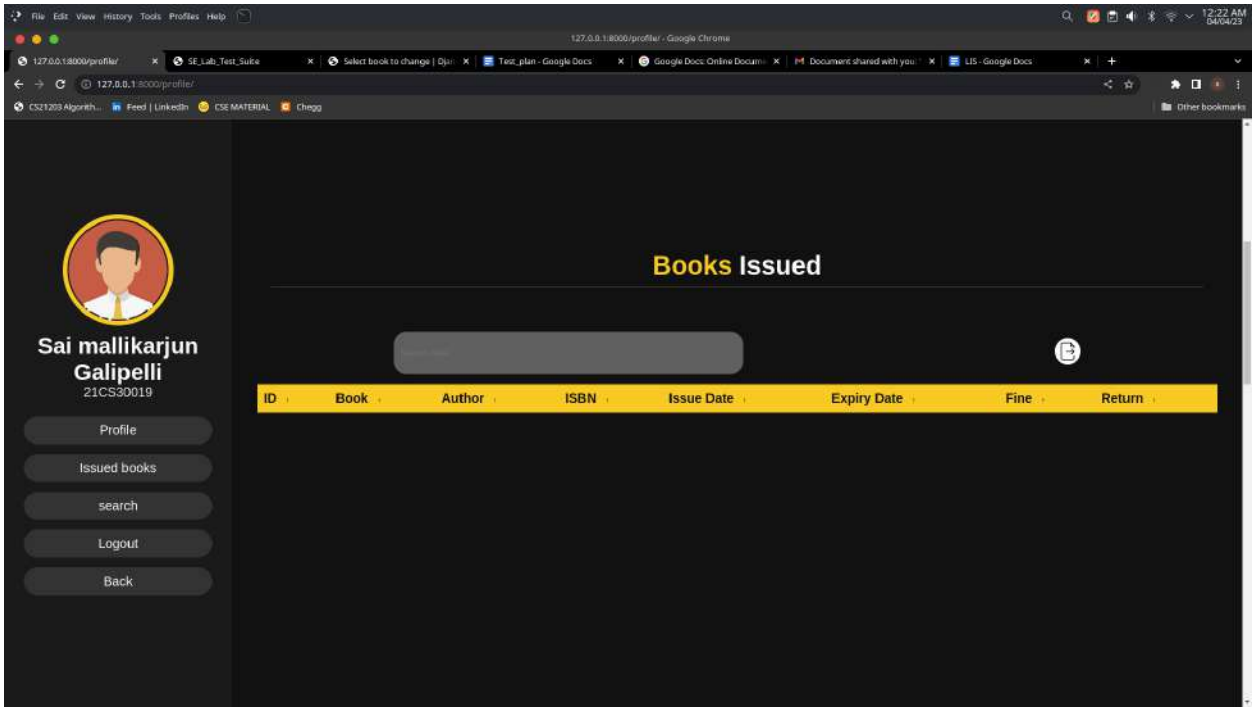
Issue successful:



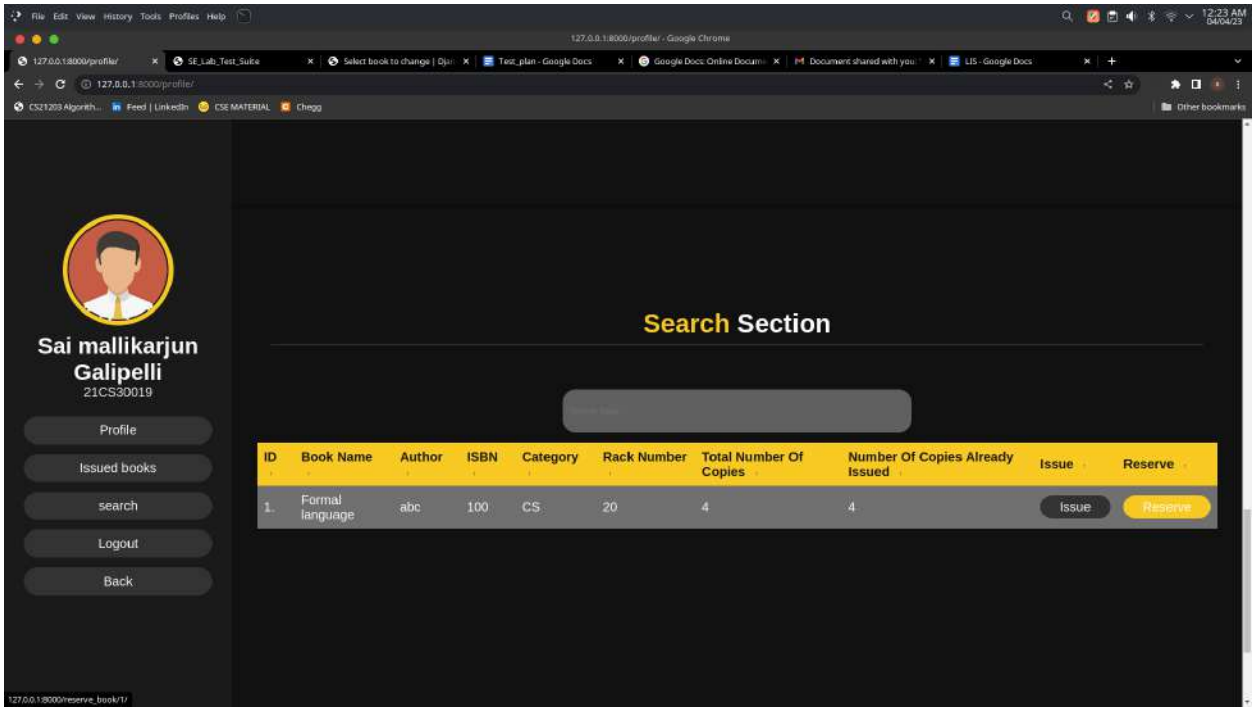
Return Book:



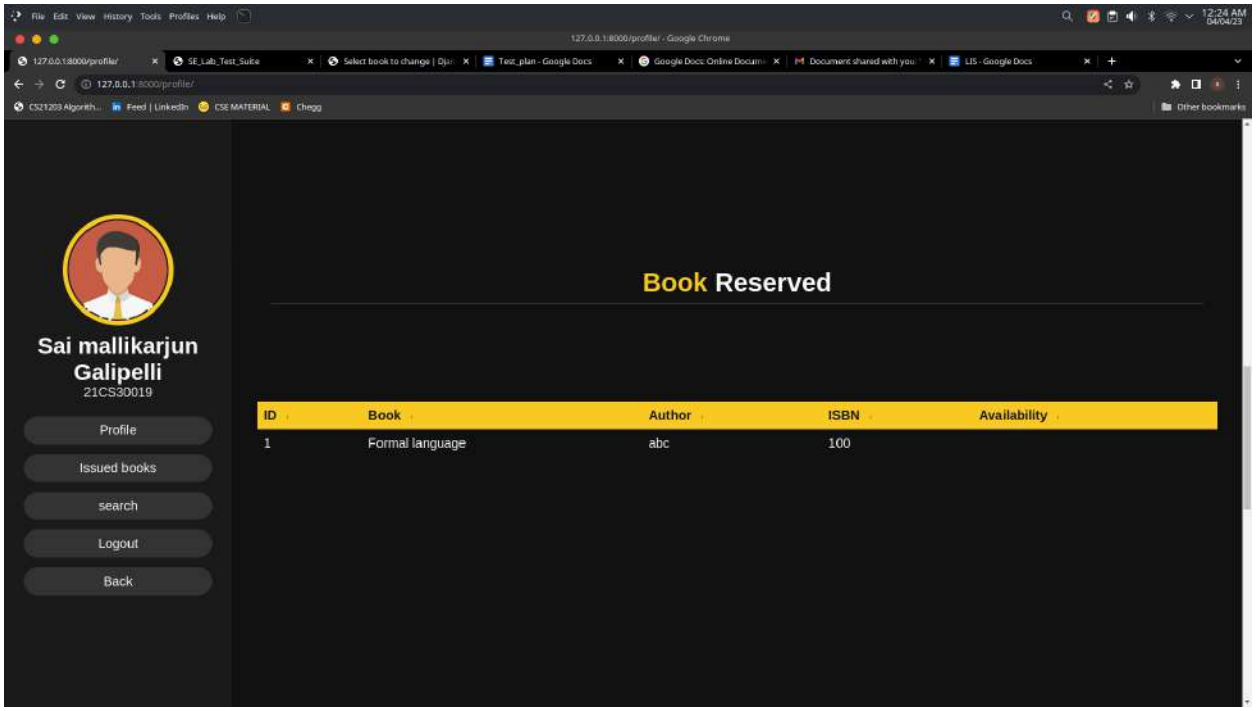
Return successful:



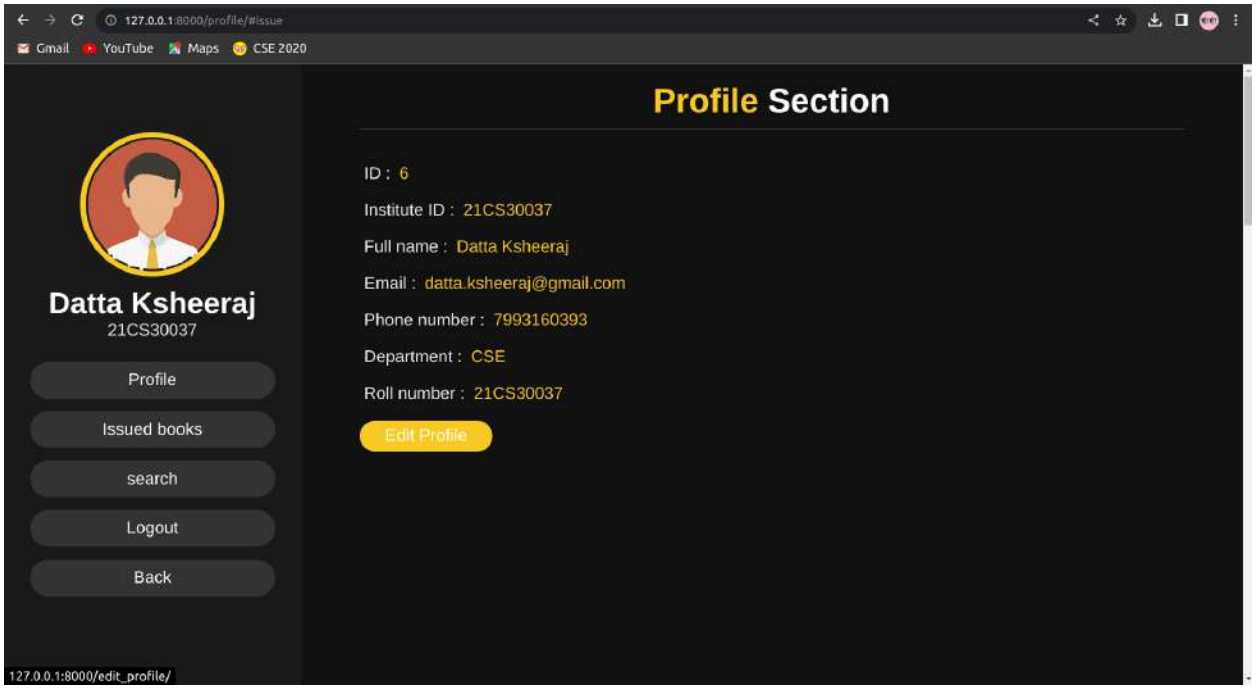
If all the copies are issued then the user will be able to reserve the book and the it will be available if someone returns the same book.

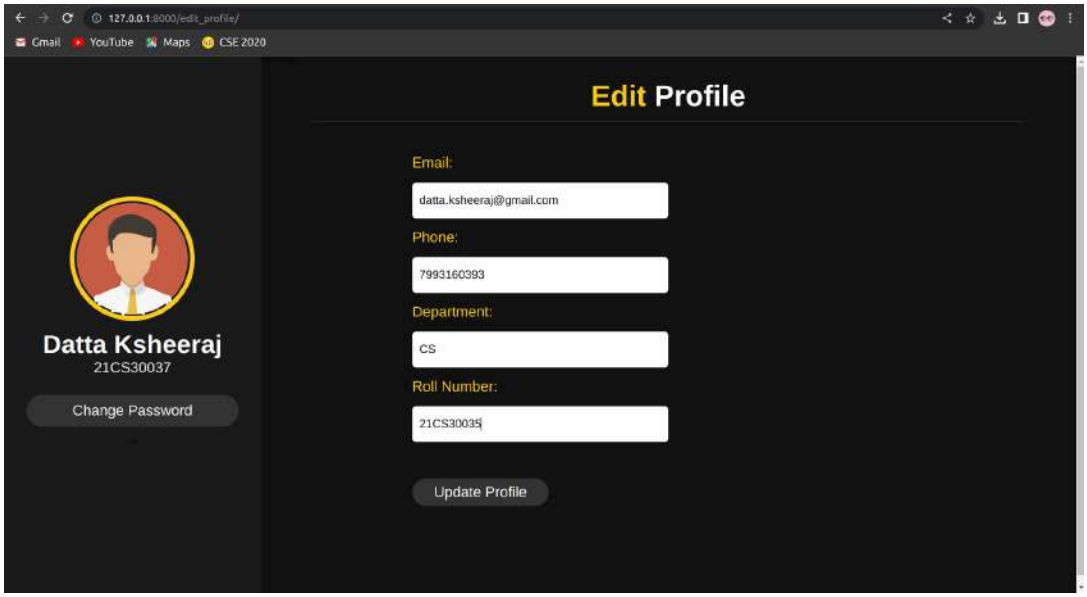


Reserve successful:

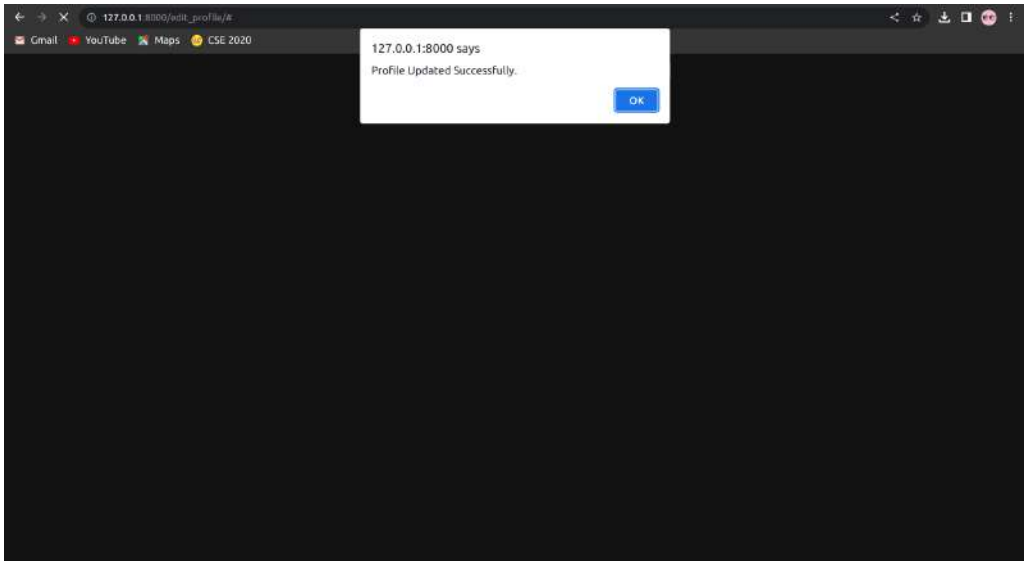


User can also edit his profile:

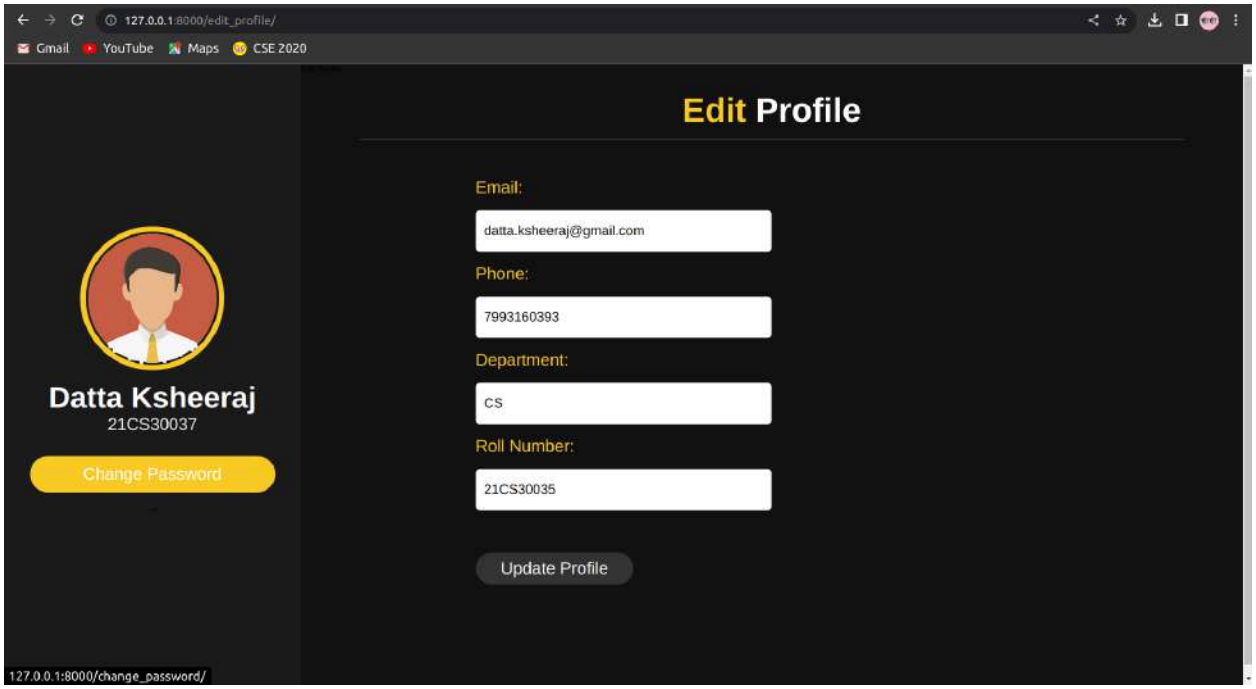


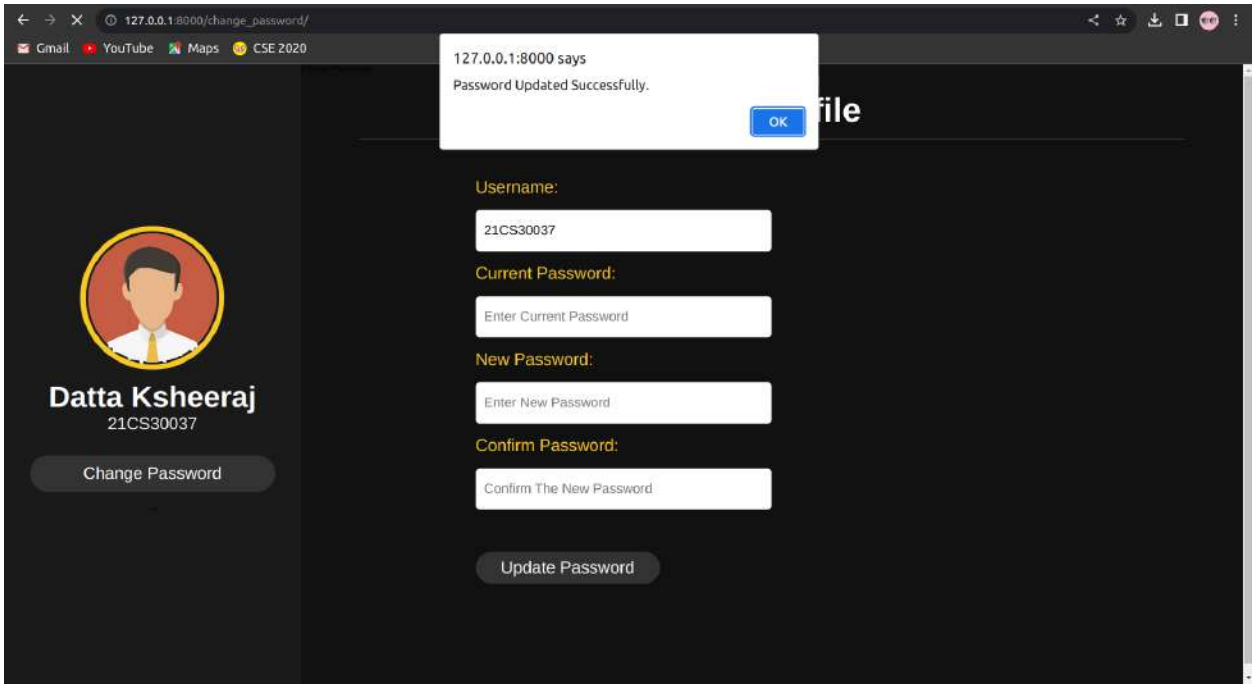


Profile is updated by clicking the update profile.

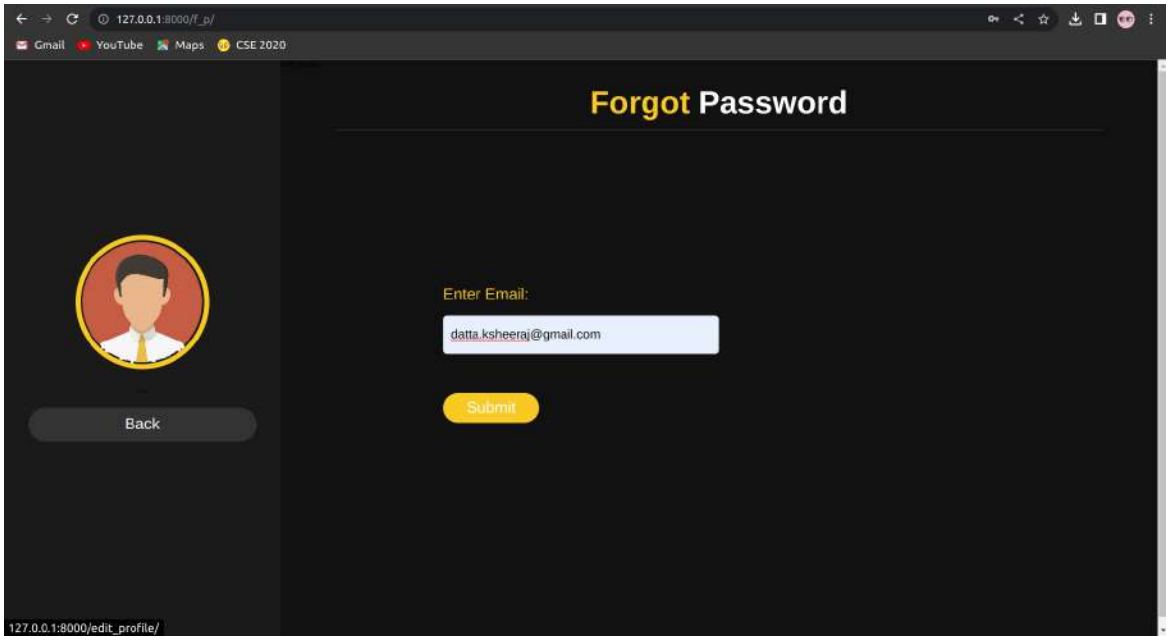


User Can change their password by clicking Change password:

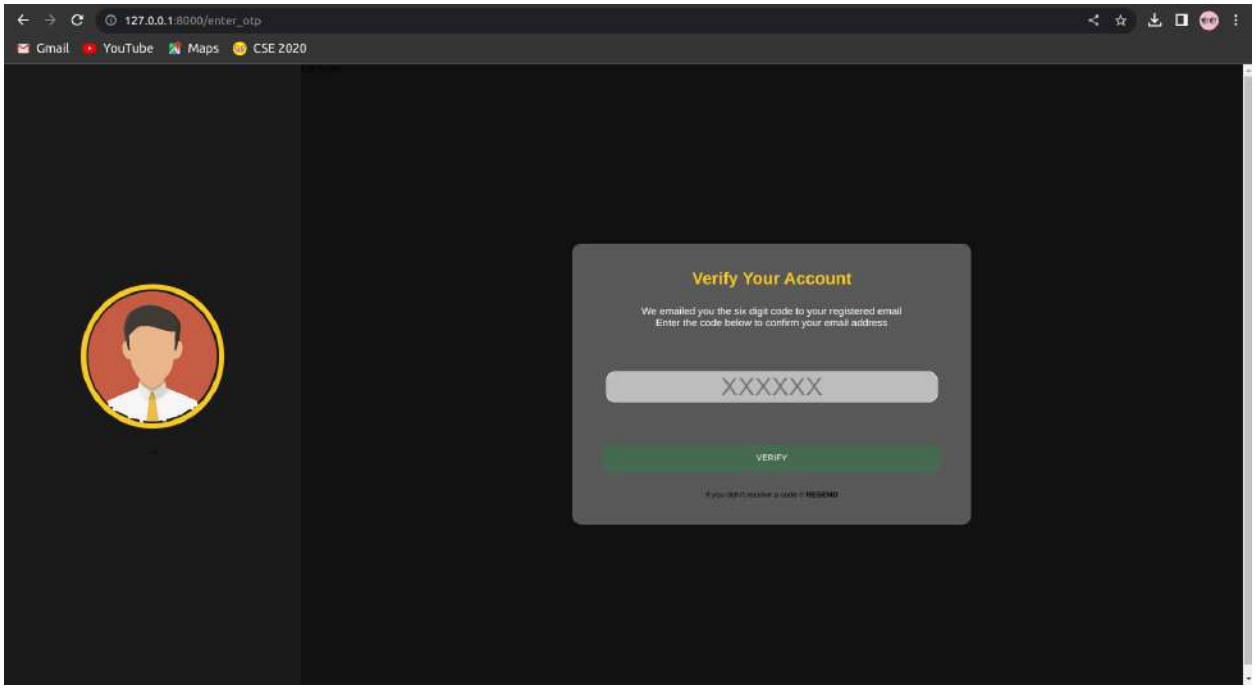


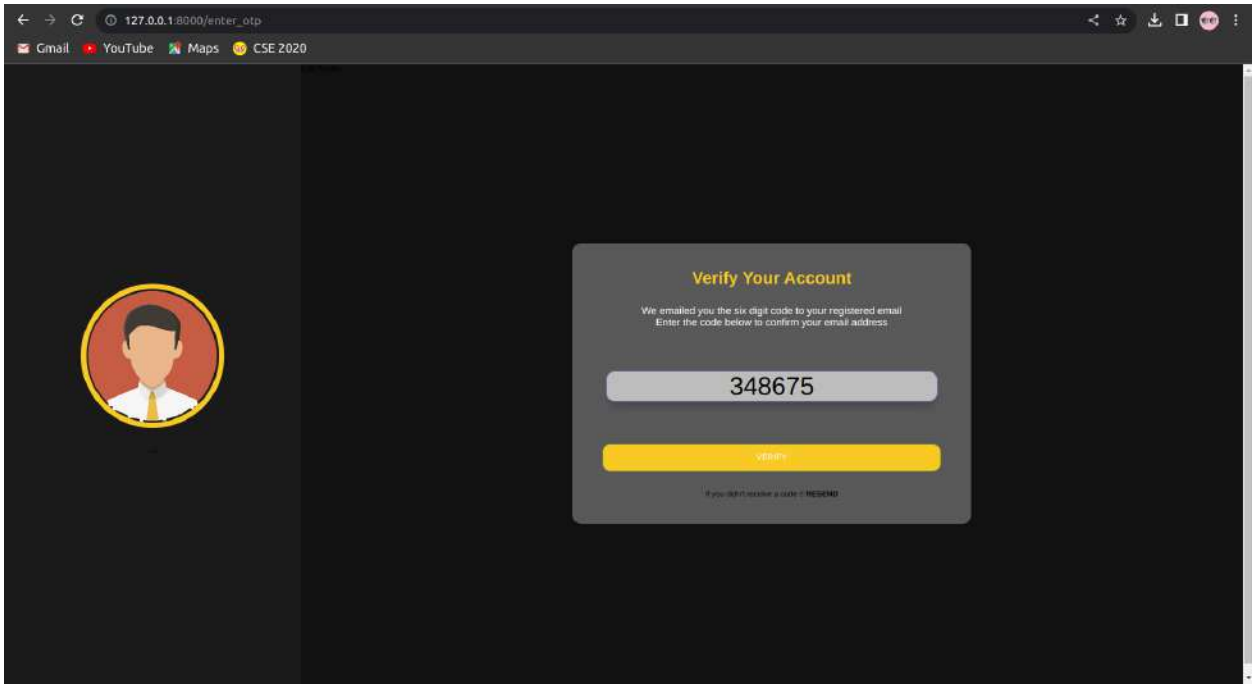


User also login if user forgot their password:

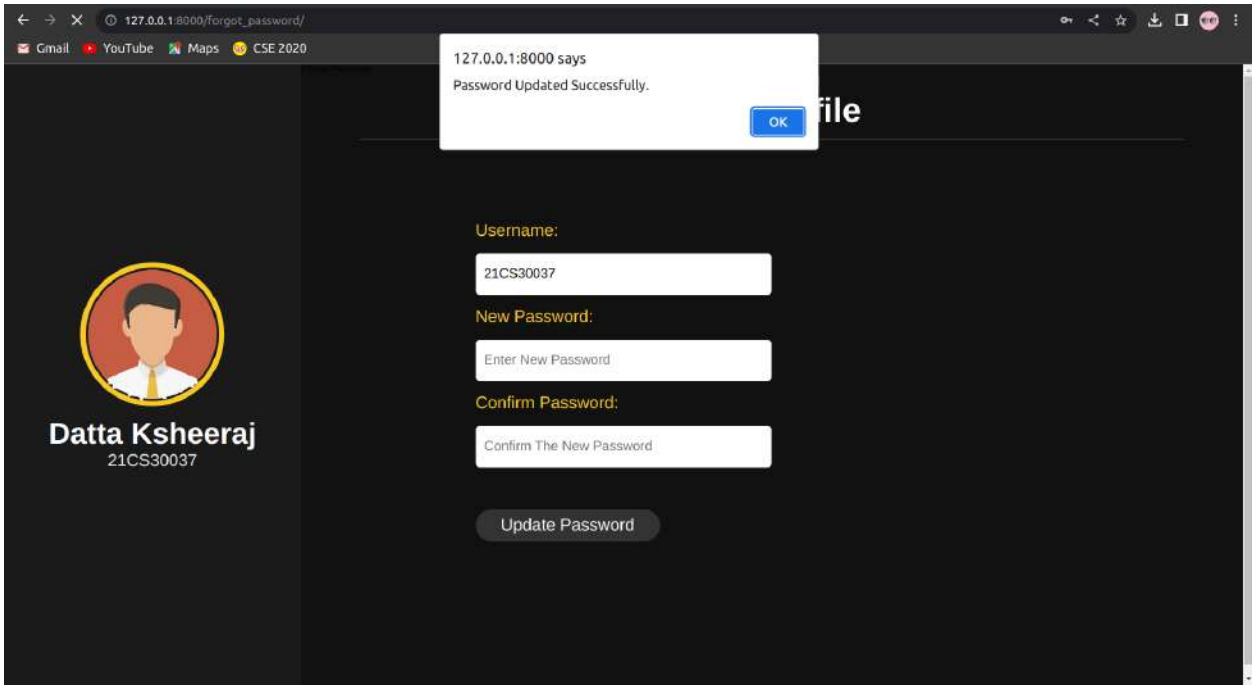


OTP sent to the EMAIL-ID

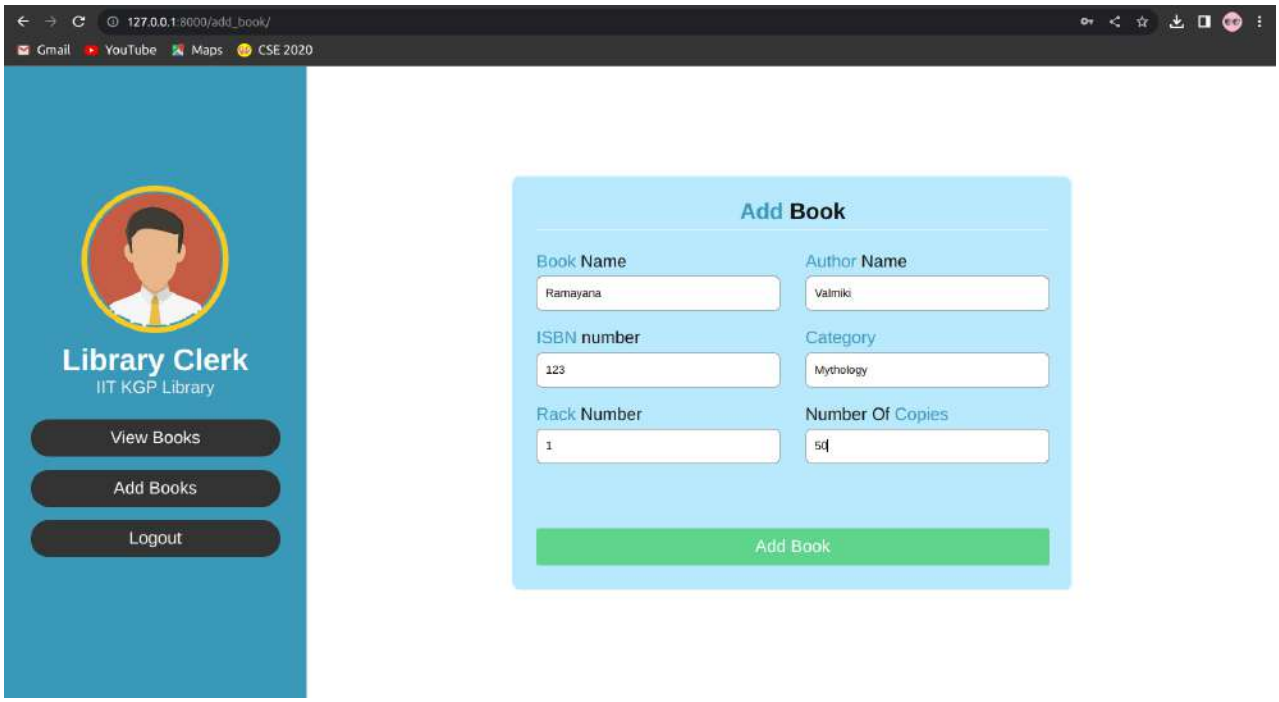




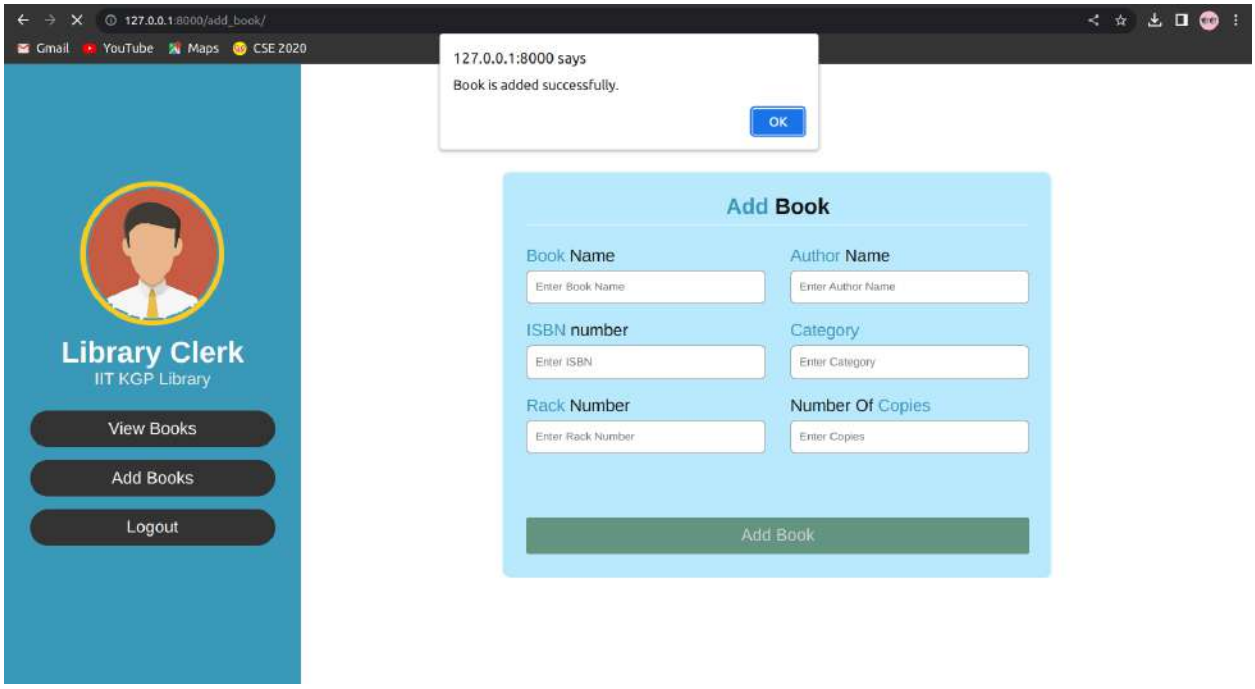
From this user lands in the change password page and can update their password.



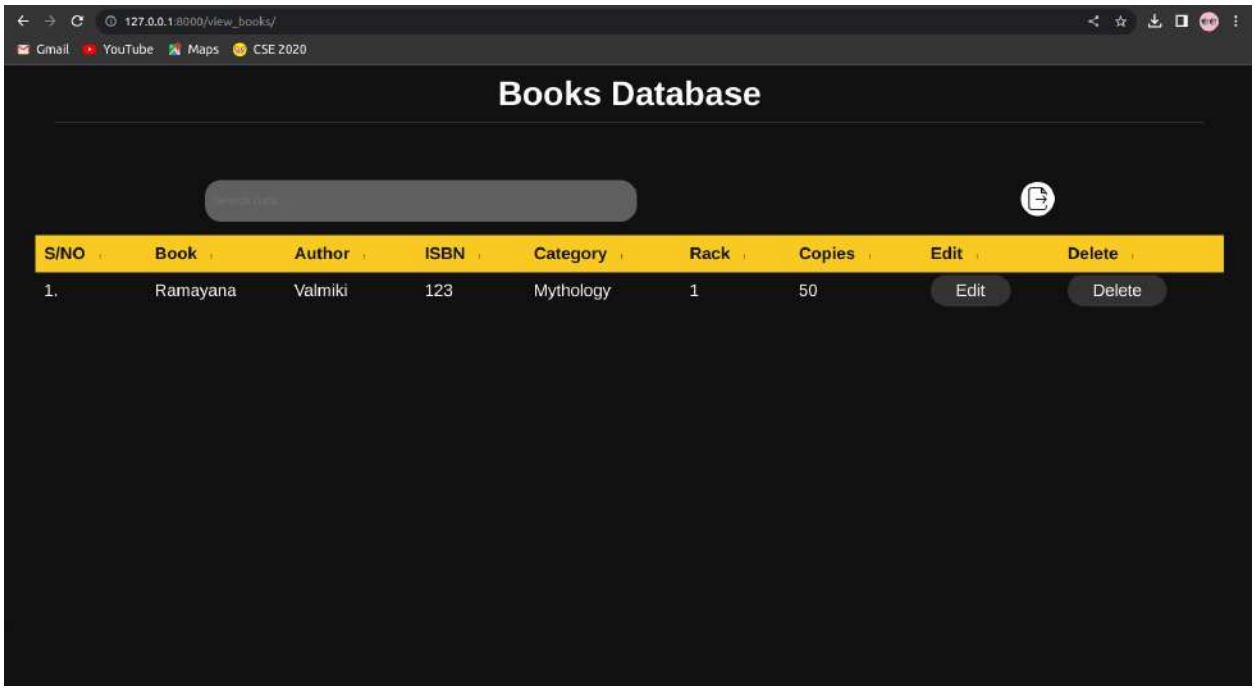
CLERK:
Clerk login page is same as of the user:
After logging in Clerk lands on the following page:



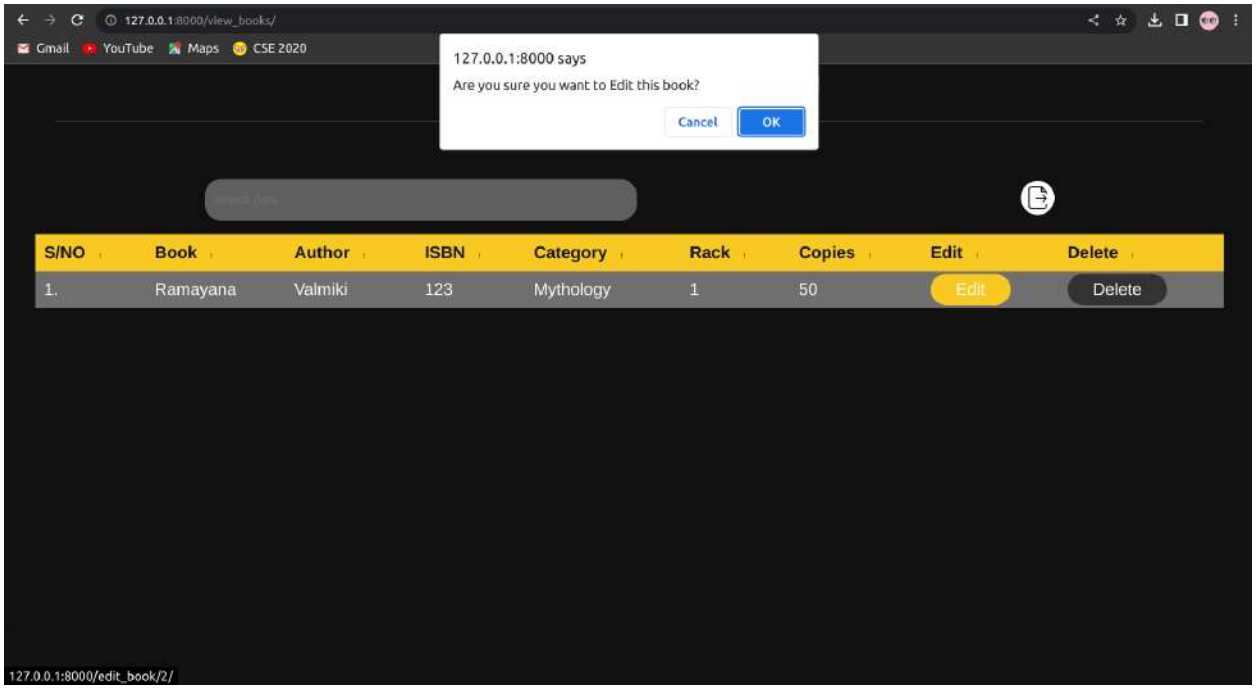
Here Clerk can add book



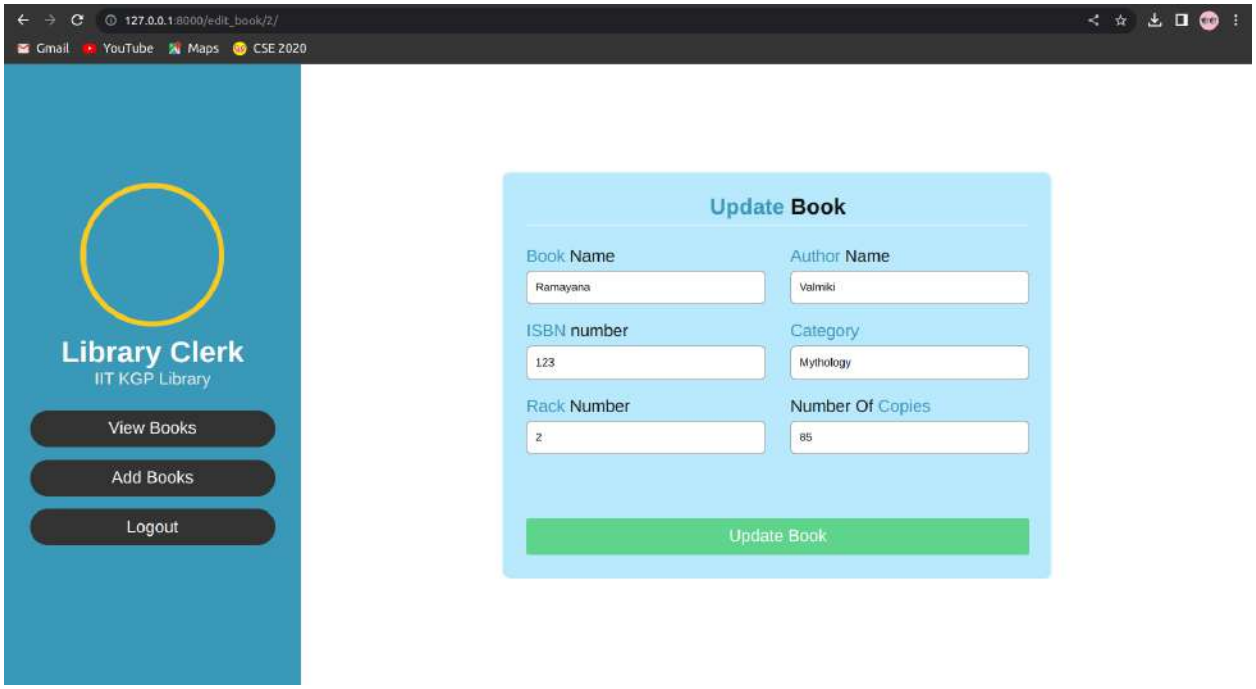
In view books, book is updated:



Edit book:

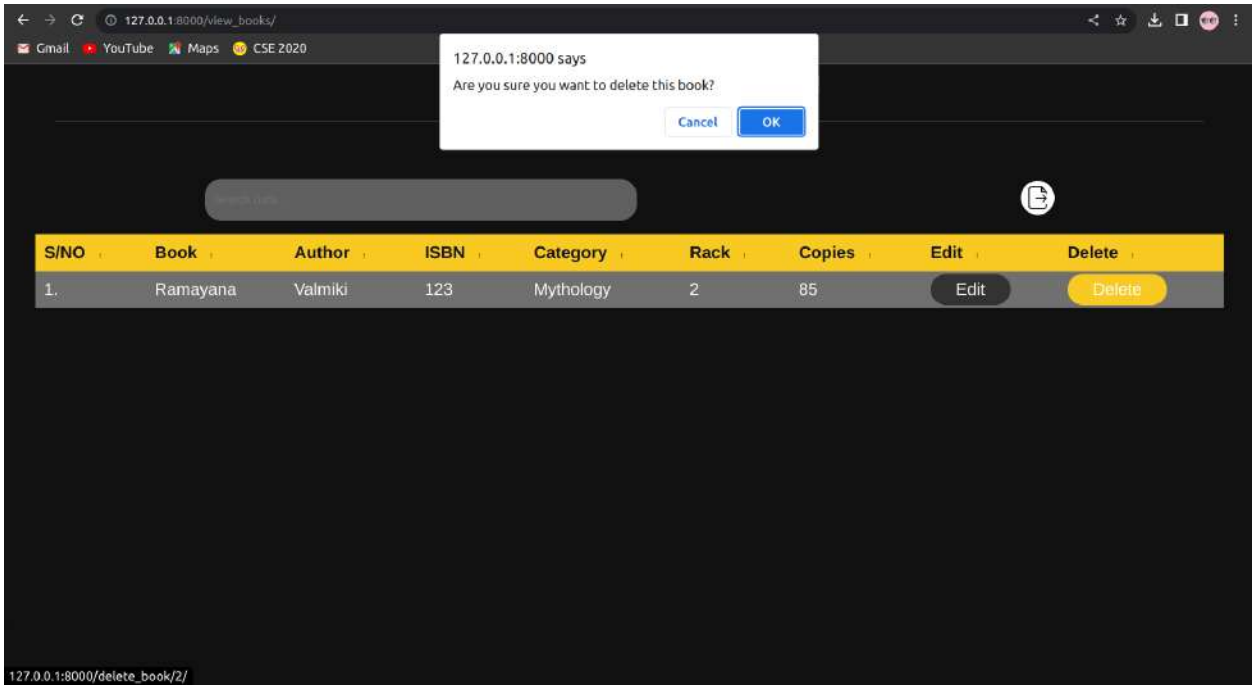


Clerk lands in this page after clicking edit book:

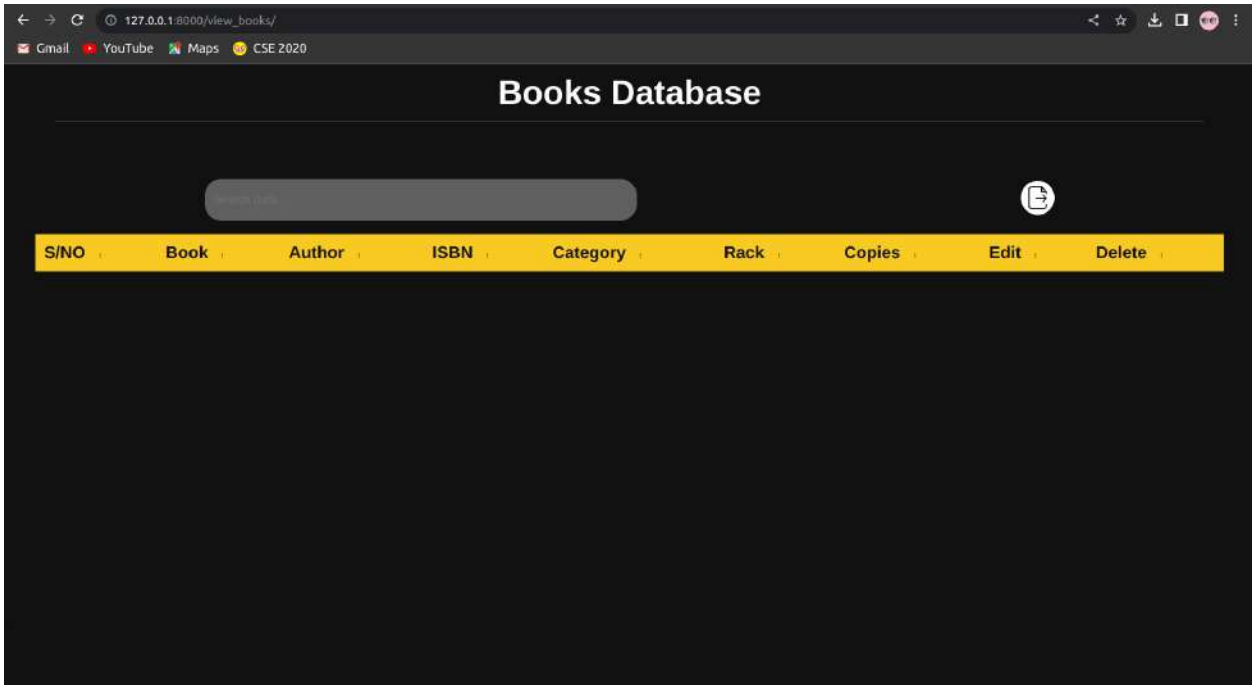


Clicking Update book:

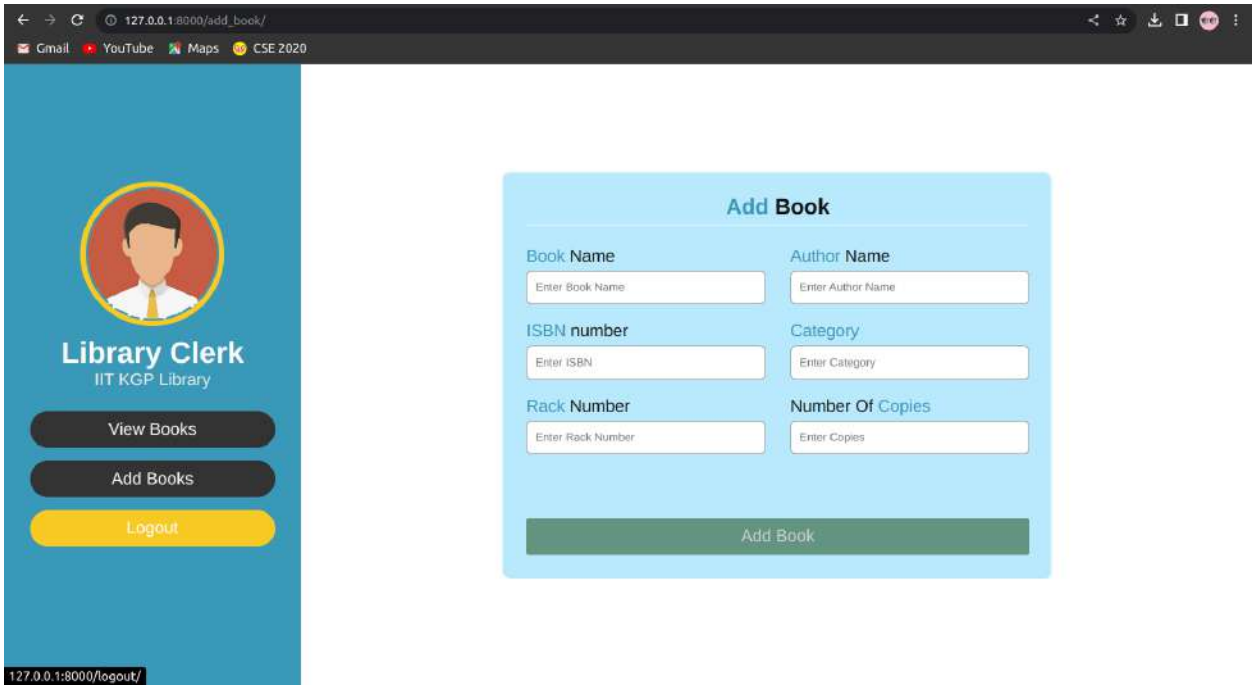
Delete Book:



Book is deleted:

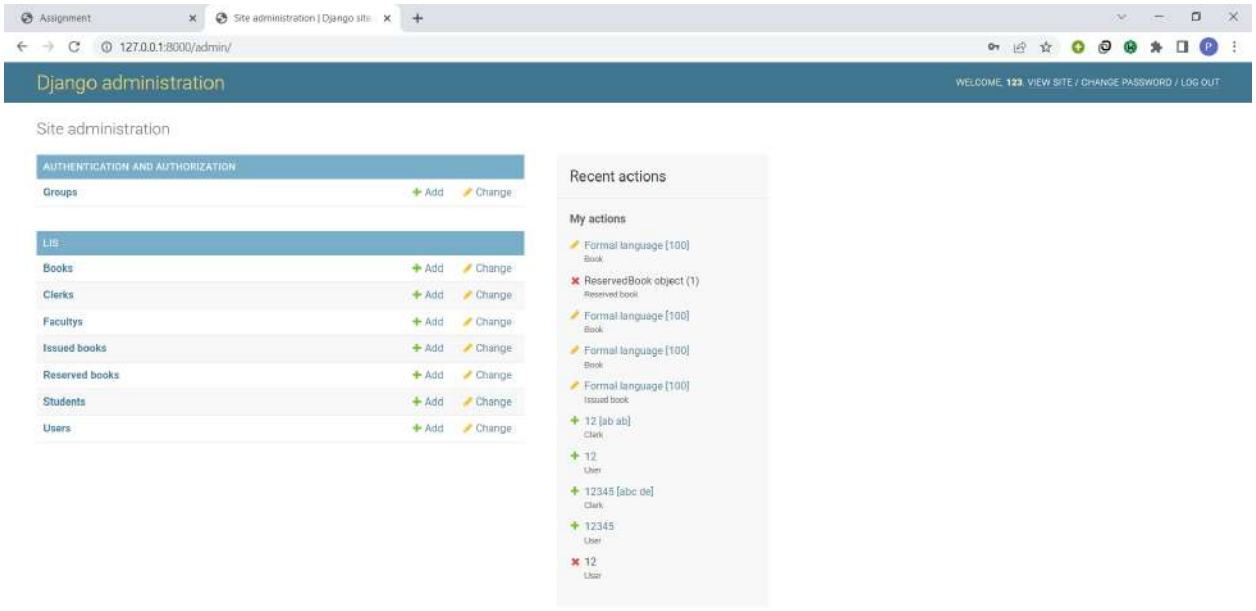


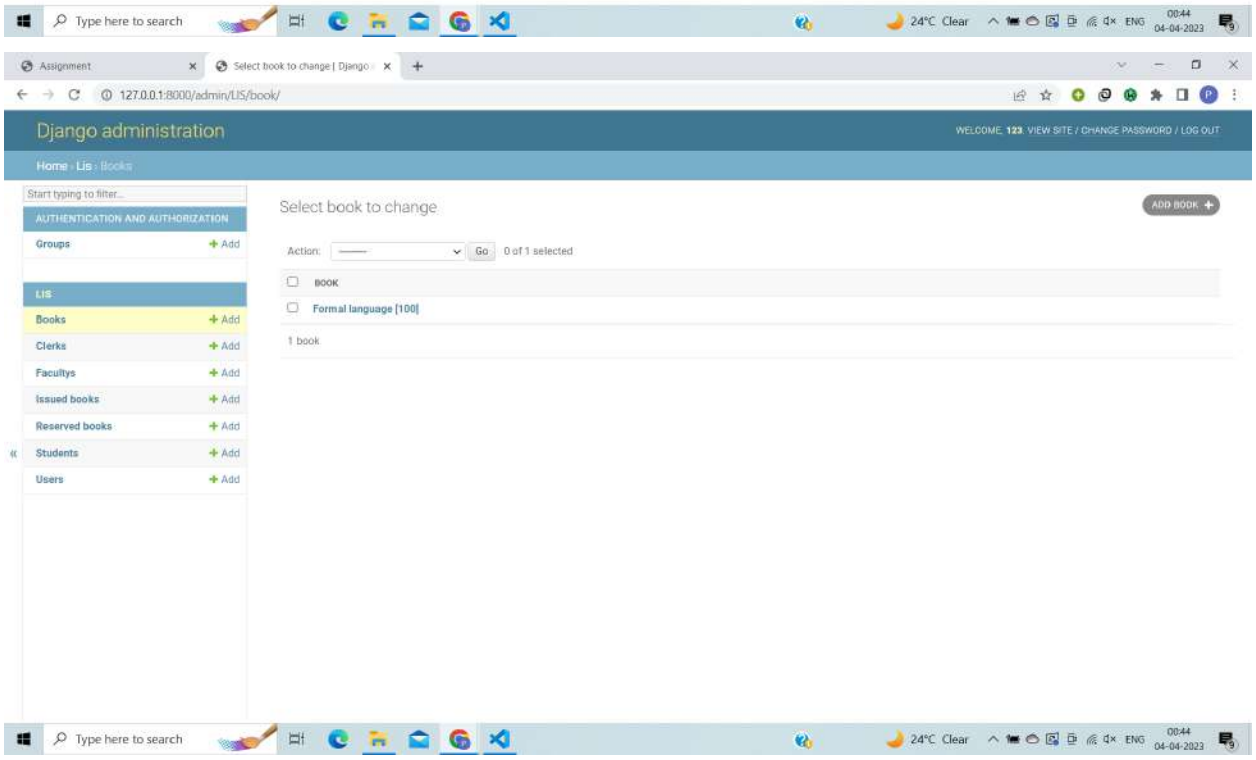
Clerk Logout:

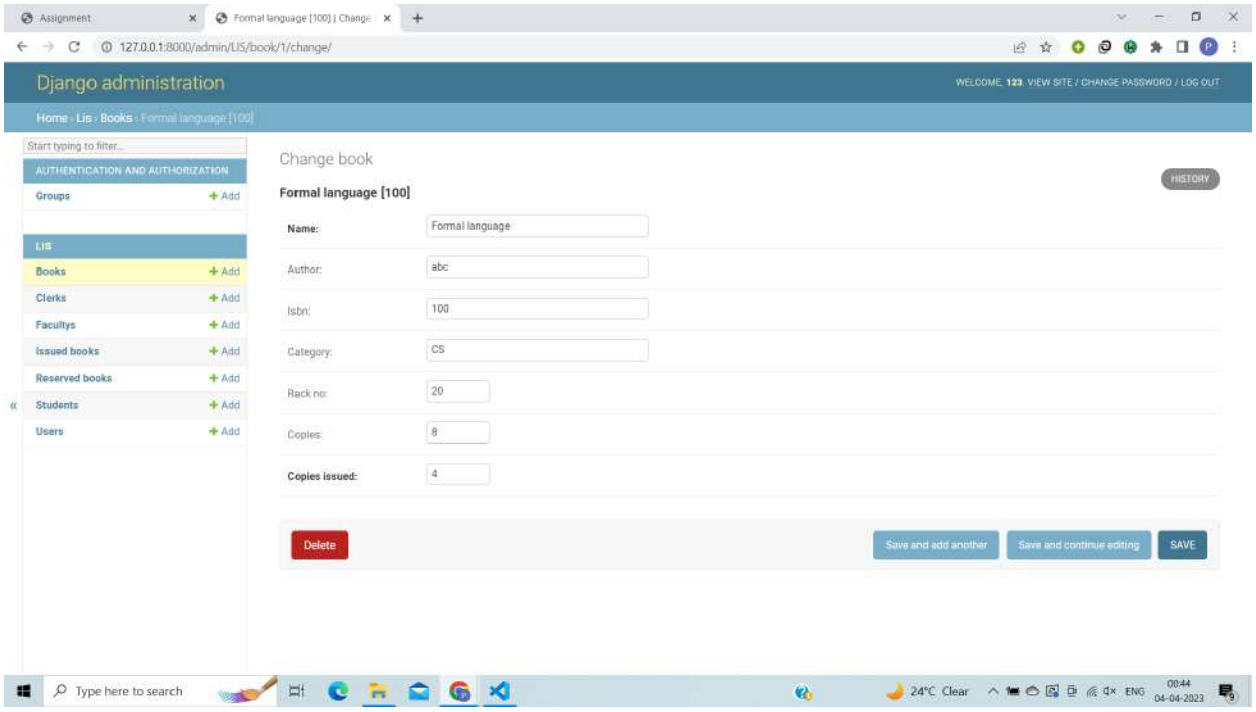


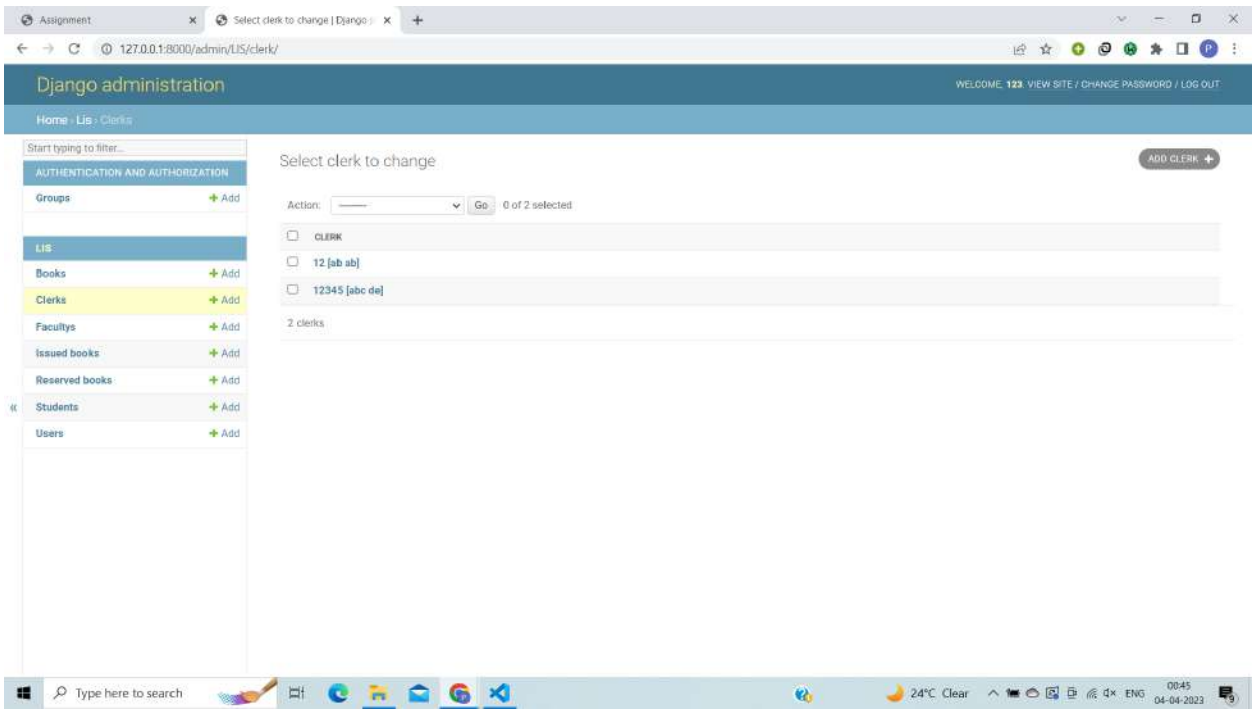
ADMIN:

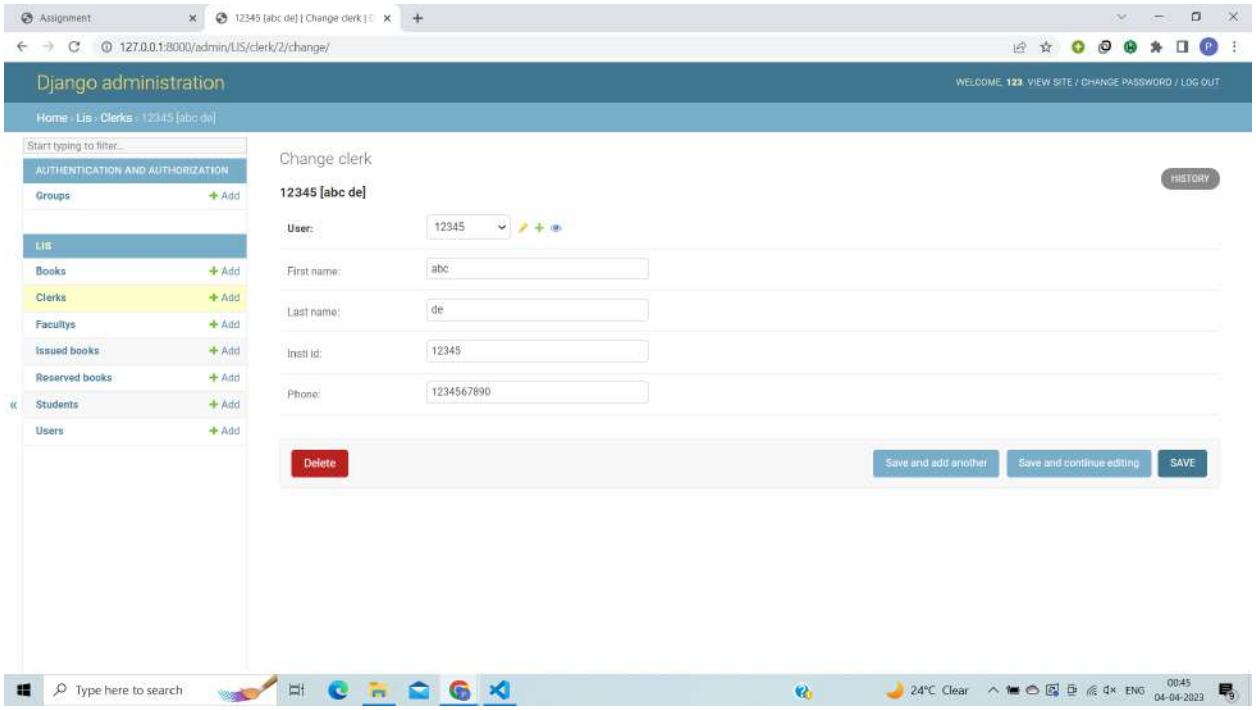
For admin default django administration page is used:

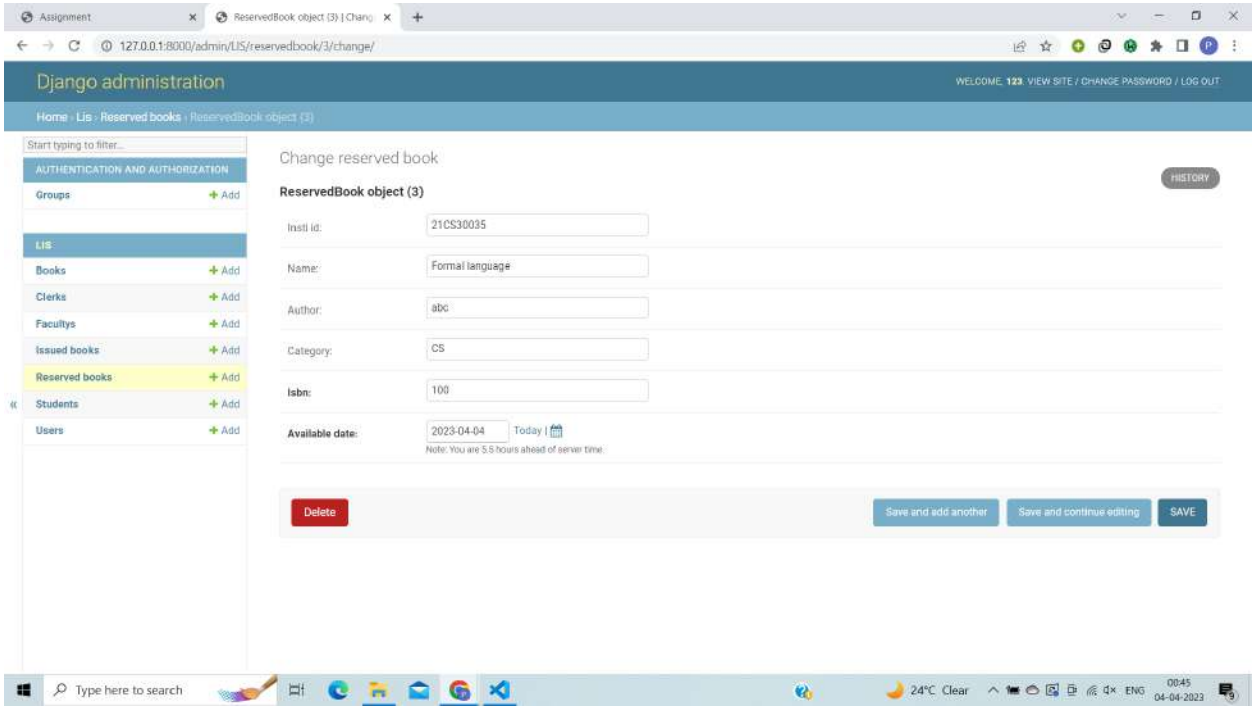


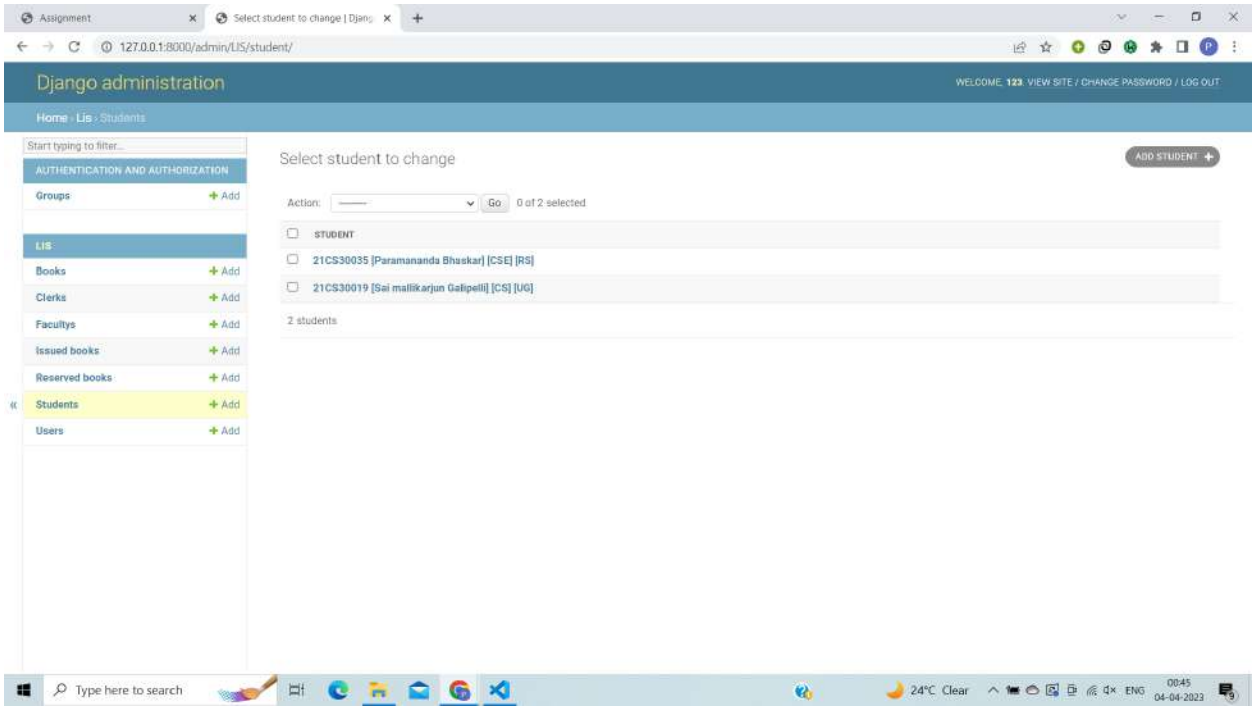


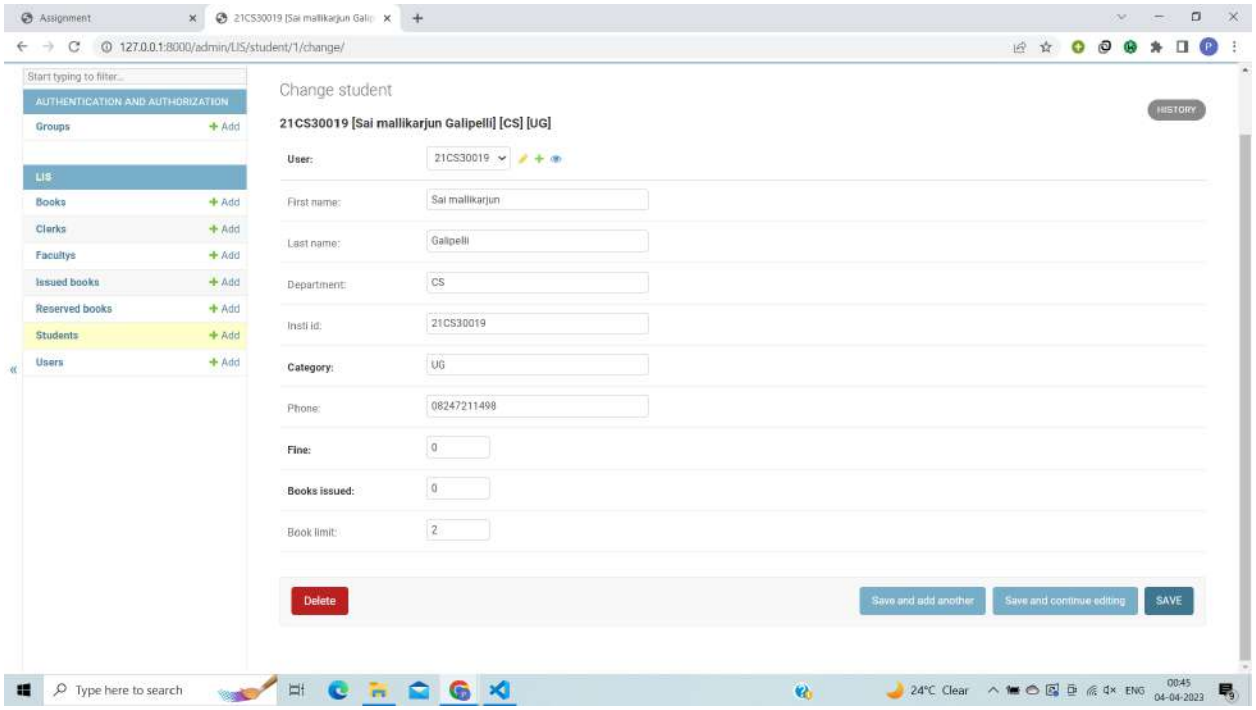

Assignment
Formal language [100] | Change
127.0.0.1:8000/admin/LIS/book/1/change/
Django administration
WELCOME, 123. VIEW SITE / CHANGE PASSWORD / LOG OUT
Home › Lis › Books › Formal language [100]
Start typing to filter...
AUTHENTICATION AND AUTHORIZATION
Groups + Add
LIS
Books + Add
Clerks + Add
Facultys + Add
Issued books + Add
Reserved books + Add
Students + Add
Users + Add
Change book
HISTORY
Formal language [100]
Name: Formal language
Author: abc
Isbn: 100
Category: CS
Rack no: 20
Copies: 8
Copies issued: 4
Delete
Save and add another
Save and continue editing
SAVE
Type here to search
24°C Clear
ENG
00:44
04-04-2023

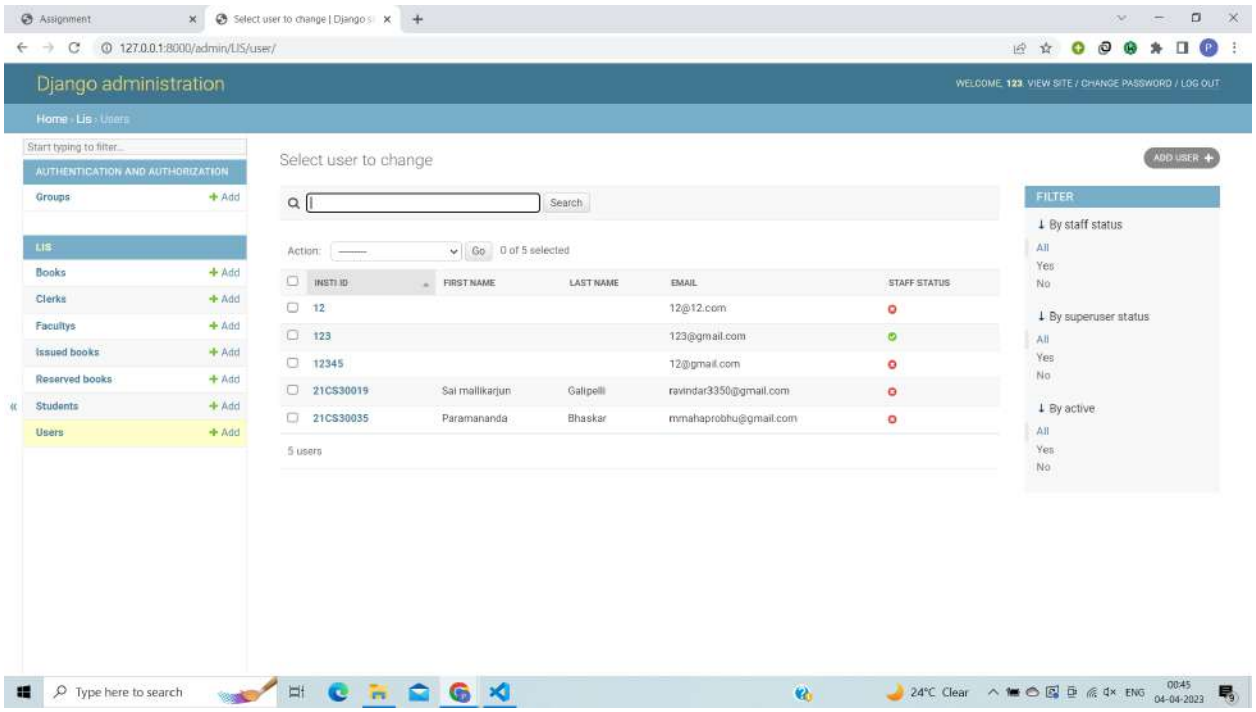

Assignment
Select clerk to change | Django
127.0.0.1:8000/admin/LIS/clerk/
Django administration
WELCOME, 123. VIEW SITE / CHANGE PASSWORD / LOG OUT
Home › Lis › Clerks
Start typing to filter...
AUTHENTICATION AND AUTHORIZATION
Groups + Add
LIS
Books + Add
Clerks + Add
Facultys + Add
Issued books + Add
Reserved books + Add
Students + Add
Users + Add
Select clerk to change
ADD CLERK +
Action: Go 0 of 2 selected
CLERK
12 [ab ab]
12345 [abc de]
2 clerks
Type here to search
24°C Clear
ENG
00:45
04-04-2023


Assignment
12345 [abc de] | Change clerk
127.0.0.1:8000/admin/LIS/clerk/2/change/
Django administration
WELCOME, 123. VIEW SITE / CHANGE PASSWORD / LOG OUT
Home › Lis › Clerks › 12345 [abc de]
Start typing to filter...
AUTHENTICATION AND AUTHORIZATION
Groups + Add
LIS
Books + Add
Clerks + Add
Facultys + Add
Issued books + Add
Reserved books + Add
Students + Add
Users + Add
Change clerk
HISTORY
12345 [abc de]
User: 12345
First name: abc
Last name: de
Insti id: 12345
Phone: 1234567890
Delete
Save and add another
Save and continue editing
SAVE
Type here to search
24°C Clear
ENG
00:45
04-04-2023


Assignment
ReservedBook object (3) | Chang
127.0.0.1:8000/admin/LIS/reservedbook/3/change/
Django administration
WELCOME, 123. VIEW SITE / CHANGE PASSWORD / LOG OUT
Home › Lis › Reserved books › ReservedBook object (3)
Start typing to filter...
AUTHENTICATION AND AUTHORIZATION
Groups + Add
LIS
Books + Add
Clerks + Add
Facultys + Add
Issued books + Add
Reserved books + Add
Students + Add
Users + Add
Change reserved book
HISTORY
ReservedBook object (3)
Insti id: 21CS30035
Name: Formal language
Author: abc
Category: CS
Isbn: 100
Available date: 2023-04-04 Today |
Note: You are 5.5 hours ahead of server time.
Delete
Save and add another
Save and continue editing
SAVE
Type here to search
24°C Clear
ENG
00:45
04-04-2023


Assignment
Select student to change | Djang
127.0.0.1:8000/admin/LIS/student/
Django administration
WELCOME, 123. VIEW SITE / CHANGE PASSWORD / LOG OUT
Home › Lis › Students
Start typing to filter...
AUTHENTICATION AND AUTHORIZATION
Groups + Add
LIS
Books + Add
Clerks + Add
Facultys + Add
Issued books + Add
Reserved books + Add
Students + Add
Users + Add
Select student to change
ADD STUDENT +
Action: ——— Go 0 of 2 selected
STUDENT
21CS30035 [Paramananda Bhaskar] [CSE] [RS]
21CS30019 [Sai mallikarjun Galipelli] [CS] [UG]
2 students
Type here to search
24°C Clear
ENG
00:45
04-04-2023


Assignment
21CS30019 [Sai mallikarjun Gali
127.0.0.1:8000/admin/LIS/student/1/change/
Start typing to filter...
AUTHENTICATION AND AUTHORIZATION
Groups + Add
LIS
Books + Add
Clerks + Add
Facultys + Add
Issued books + Add
Reserved books + Add
Students + Add
Users + Add
Change student
HISTORY
21CS30019 [Sai mallikarjun Galipelli] [CS] [UG]
User: 21CS30019
First name: Sai mallikarjun
Last name: Galipelli
Department: CS
Insti id: 21CS30019
Category: UG
Phone: 08247211498
Fine: 0
Books issued: 0
Book limit: 2
Delete
Save and add another
Save and continue editing
SAVE
Type here to search
24°C Clear
ENG
00:45
04-04-2023


Assignment
Select user to change | Django s
127.0.0.1:8000/admin/LIS/user/
Django administration
WELCOME, 123. VIEW SITE / CHANGE PASSWORD / LOG OUT
Home › Lis › Users
Start typing to filter...
AUTHENTICATION AND AUTHORIZATION
Groups + Add
LIS
Books + Add
Clerks + Add
Facultys + Add
Issued books + Add
Reserved books + Add
Students + Add
Users + Add
Select user to change
ADD USER +
Search
Action: Go 0 of 5 selected
INSTI ID
FIRST NAME
LAST NAME
EMAIL
STAFF STATUS
12 12@12.com
123 123@gmail.com
12345 12@gmail.com
21CS30019 Sai mallikarjun Galipelli ravindar3350@gmail.com
21CS30035 Paramananda Bhaskar mmahaprobhu@gmail.com
5 users
FILTER
By staff status
All
Yes
No
By superuser status
All
Yes
No
By active
All
Yes
No
Type here to search
24°C Clear
ENG
00:45
04-04-2023