

CMCS

Contract Monthly Claim System

About CMCS

Welcome to the Contract Monthly Claim System (CMCS), a cutting-edge web-based application designed to streamline and simplify the monthly claim submission and approval process for Independent Contractor (IC) lecturers.

Purpose of the CMCS:

The CMCS streamlines claim submissions, approvals, and document management by providing an intuitive platform for lecturers, coordinators, managers, and HR. It saves time, enhances accuracy, and reduces administrative burdens, enabling users to focus on teaching and managing academic programs.

TARGET AUDIENCE AND ROLE BASED AUTHENTICATION

The system uses role-based authentication to ensure each user accesses only the features and data relevant to their role, maintaining security and efficiency.

- Lecturers: Submit claims with detailed information and attach supporting documents.
- Programme Coordinators: Review claims for accuracy and compliance before forwarding for approval.
- Academic Managers: Provide final approval of claims, ensuring accountability and adherence to guidelines.
- Human Resources: Manage lecturer data and generate reports for payment and compliance.

SOFTWARE REQUIREMENTS

- Operating System: Windows 7 or later
- .NET Framework: Version 4.7.2 or later (will be installed with the application)
- IDE: Visual Studio
- Database: SQL Server Management Studio (SSMS)
- Version Control: GitHub
- Framework: .NET Core for MVC application

Core Features & Automation

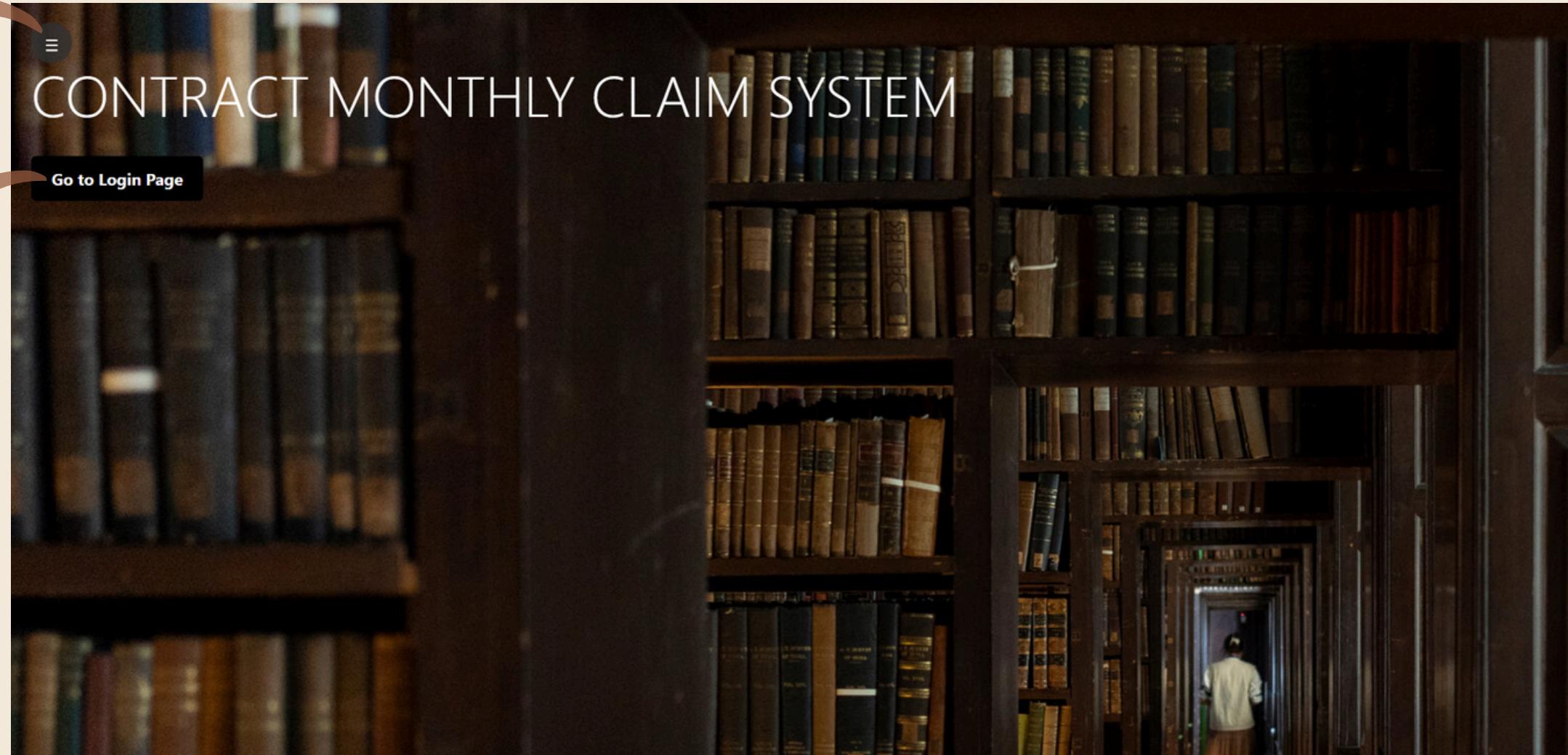
- Lecturers: Submit claims with detailed info and supporting documents.
 - Automation: Auto-calculation of claim totals.
- Programme Coordinators: Review claims for accuracy and compliance.
 - Automation: Auto-approve or deny claims based on set criteria.
- Academic Managers: Provide final approval, ensuring adherence to guidelines.
 - Automation: Streamlines decisions for straightforward claims.
- Human Resources: Manage lecturer data, process claims, and generate reports.
 - Automation: Instantly generates detailed reports of approved claims.

HOME SCREEN



navigates users to the menu

navigates users to the register and login pages



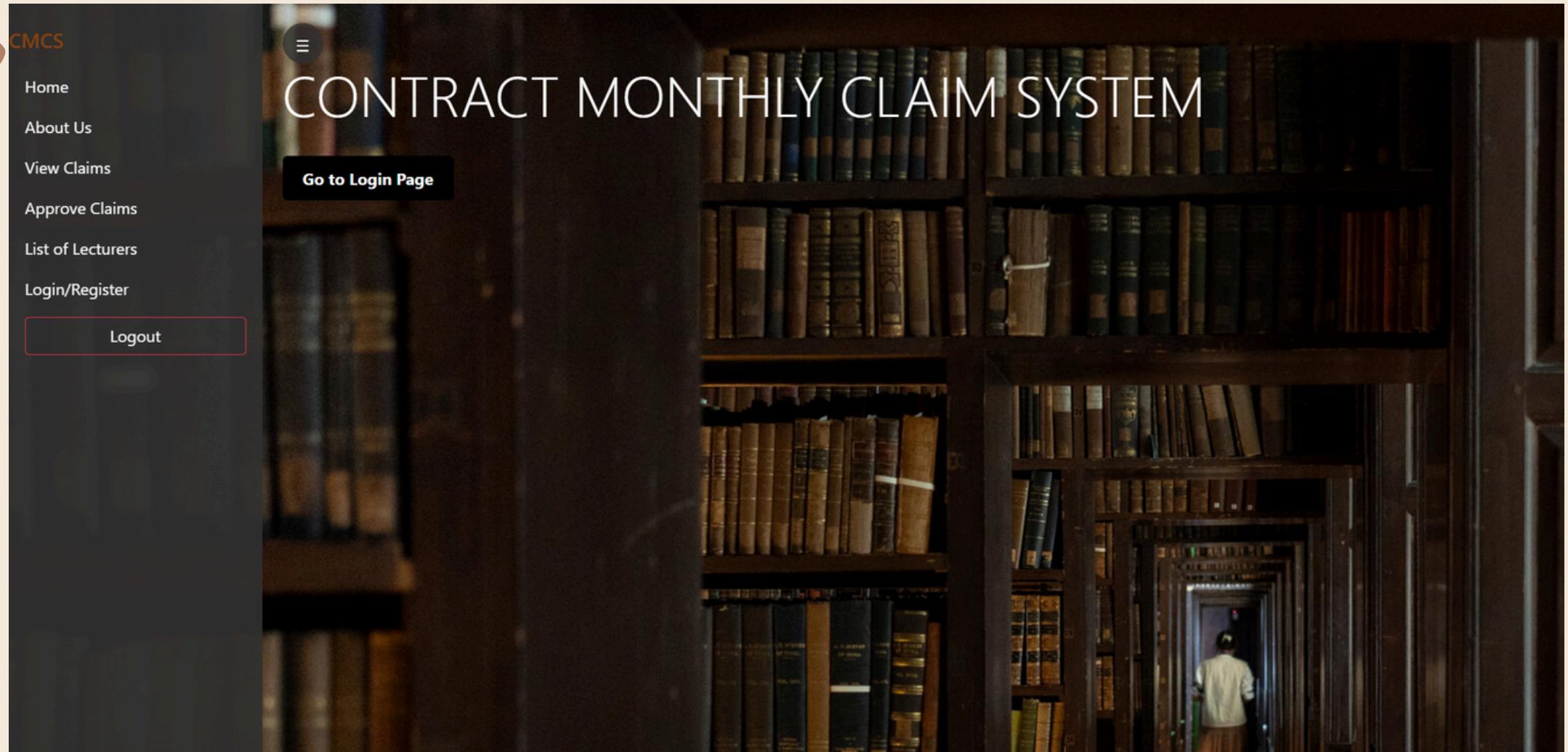
Welcome to the home screen! With its sleek, user-friendly design, even non-tech-savvy users can navigate effortlessly. This page prominently displays the app's name and provides quick access to the registration and login page—your gateway to unlocking all features. Register or log in to get started!



MENU BAR



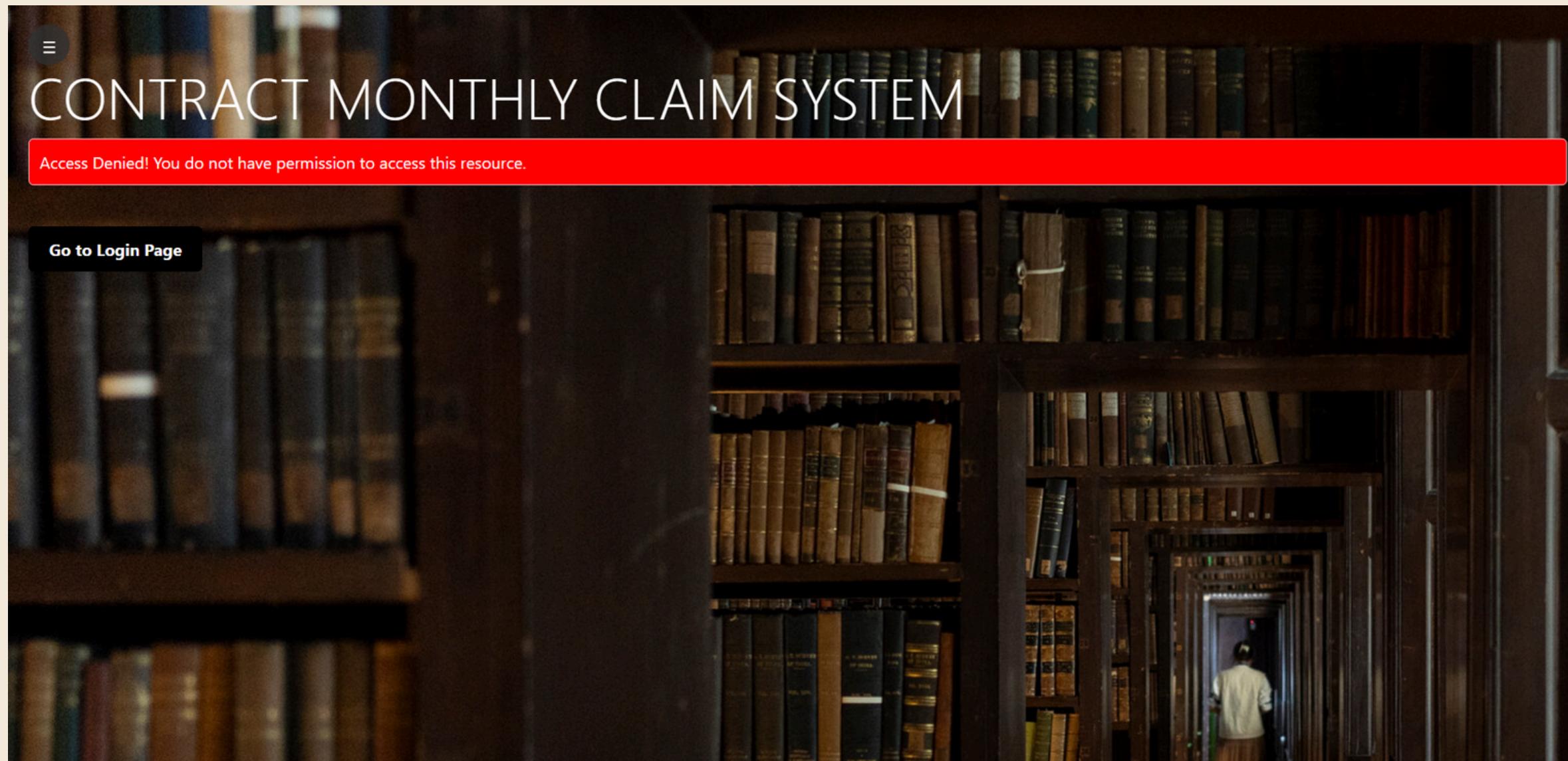
“≡” opens
the menu
tab



This is the menu tab, accessed by tapping the “≡”. It lets you navigate seamlessly to any section of CMCS. But don’t get too adventurous—role-based authentication ensures you only see what you’re authorized to access!

ACCESS DENIED FOR UNAUTHORSIED USERS

This is the Access Denied page. If you're unauthorized, you won't have access to the page and will be redirected accordingly.



LOGIN/REGISTER PAGE

Registering and logging in is simple. Click on the tabs, fill in your details, and click “Register” or “Login.” The role field ensures users have access to the appropriate pages.

The registration page displays fields for Name, Surname, Email, Password, and Role. It includes a 'Register' button and a 'Login' tab. The background shows a library setting with bookshelves.

The registration page lets you create an account. If any field is left empty, data validation ensures all required information is filled in before proceeding.

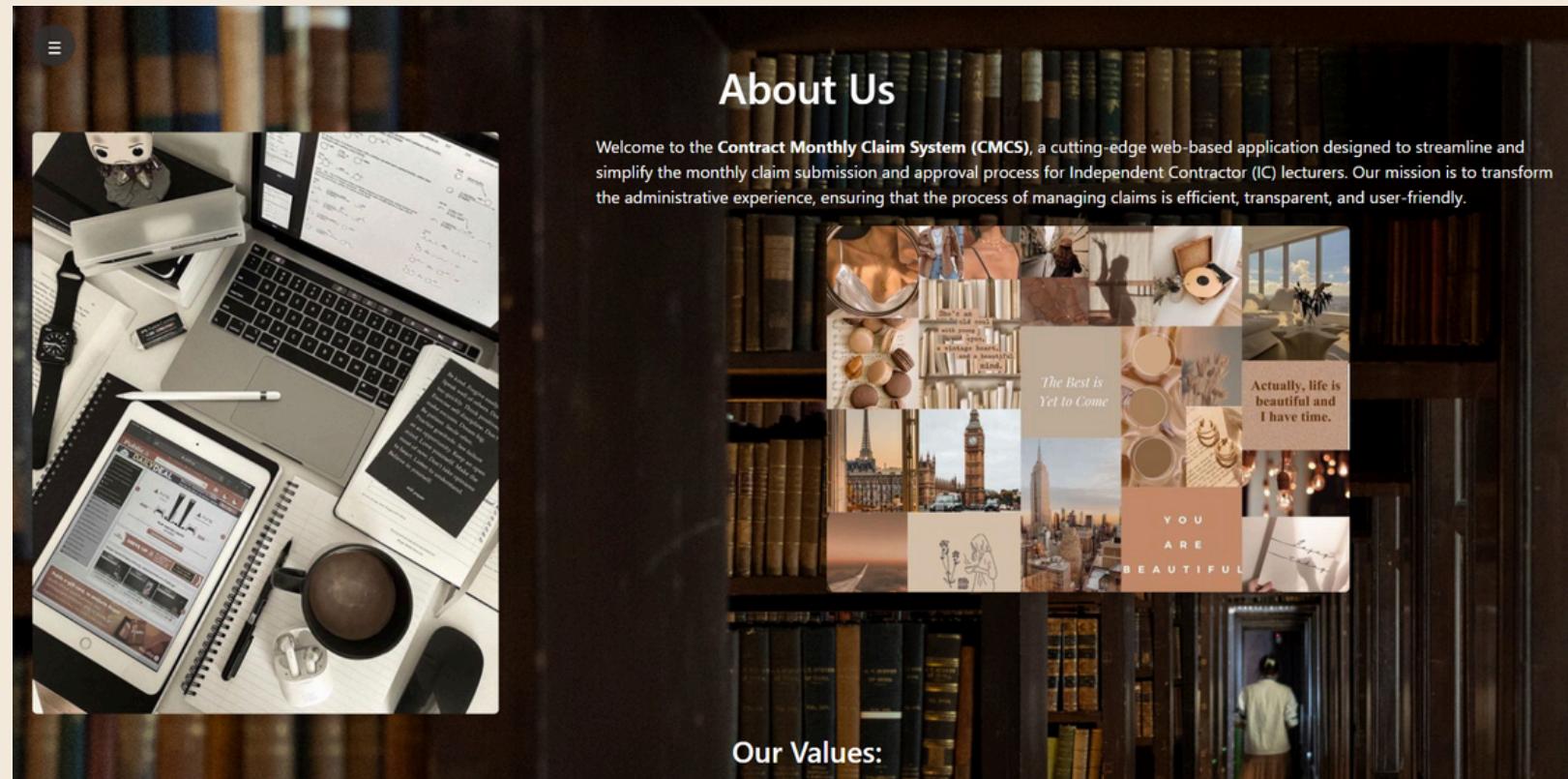
A registration form with a 'Name' field. A red error message at the bottom states "Name is required."

The login page displays fields for Email and Password. It includes a 'Login' button and a 'Register' tab. The background shows a library setting with bookshelves.

The login page verifies that your email and password are registered and checks that your login details are correct.

A login form with a 'Login' button and a 'Register' tab. A red error message at the bottom states "• Invalid email or password."

ABOUT US PAGE



The About Us page gives users an overview of the website in a fun and engaging way. With its user-friendly design, it includes a photo carousel and images that enlarge when you hover over them—making the experience interactive and enjoyable.

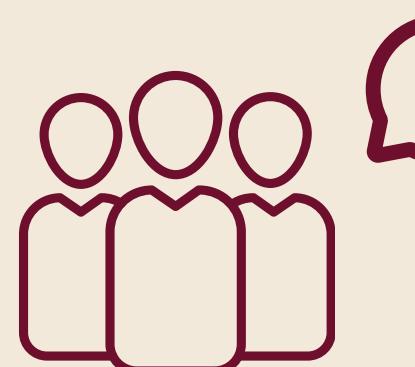
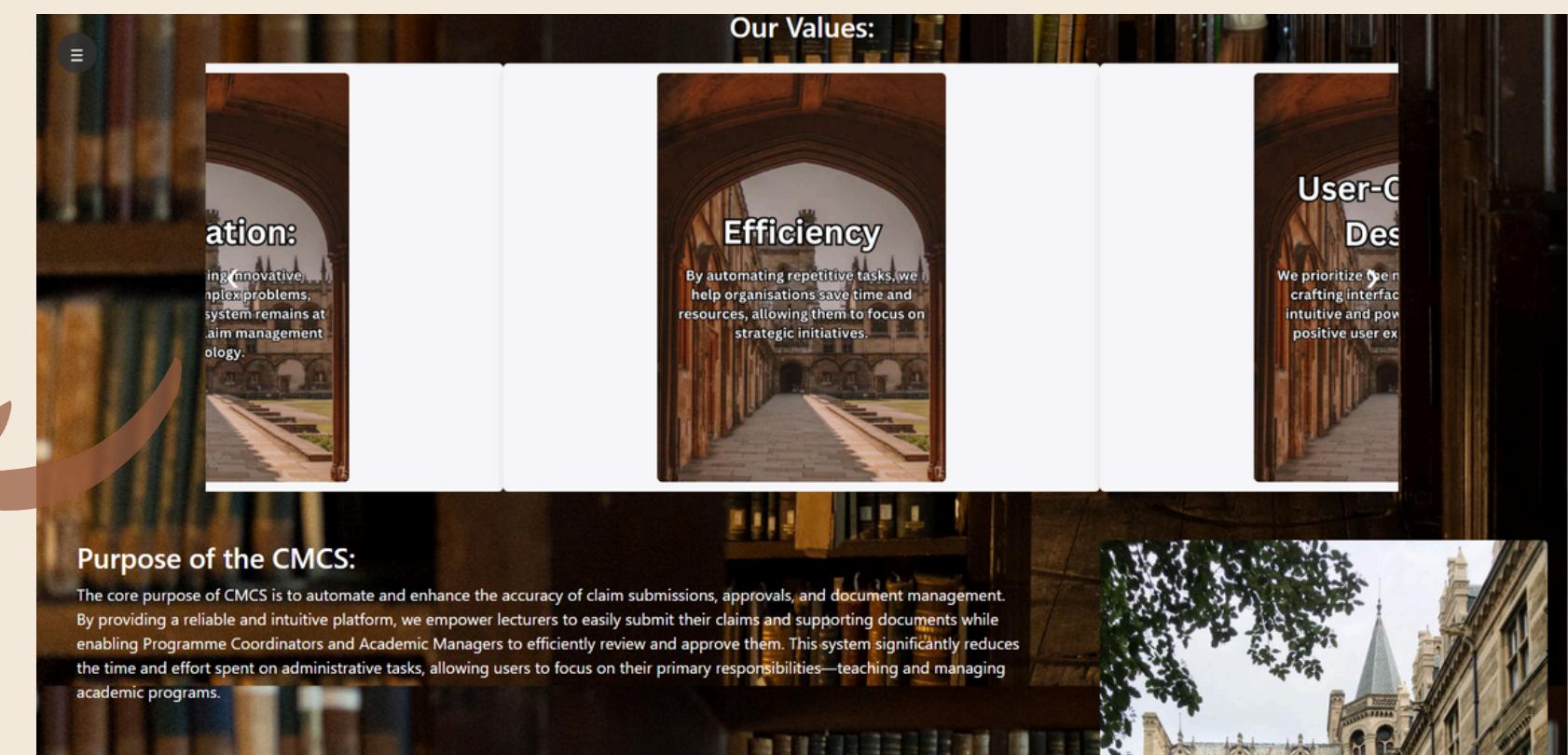


image carousel
which enhances
user engagement

VIEW CLAIMS (IC/L)

Welcome to the "View Claims" page for lecturers! Here, you can easily:

- Submit a new claim
- View all your submitted claims
- Access your supporting documentation
- Filter claims based on their status

filter through claims
for "Approved",
"Pending", or
"denied"

Name	Surname	Module	Hours Worked	Hourly Rate	Total Amount	Date of Submission	Status	Supporting Document
John	Doe	Programming 1	10 hours	R 350	R 3500	Date: Thu, 21 November 2024 Time: 07:09 pm	Approved	ST10249843_PROG6212_POE README.pdf
John	Doe	Programming 2	15 hours	R 200	R 3000	Date: Thu, 21 November 2024 Time: 07:09 pm	Pending	ST10249843_PROG6212_PROJECTPLAN.pdf
John	Doe	Programming 1	0 hours	R 200	R 0	Date: Thu, 21 November 2024 Time: 07:09 pm	Denied	ST10249843_PROG6212_POE README.pdf



Submit Claim

Name: John

Surname: Doe

Module: Programming 2

Hours Worked: 15

Hourly Rate: 200

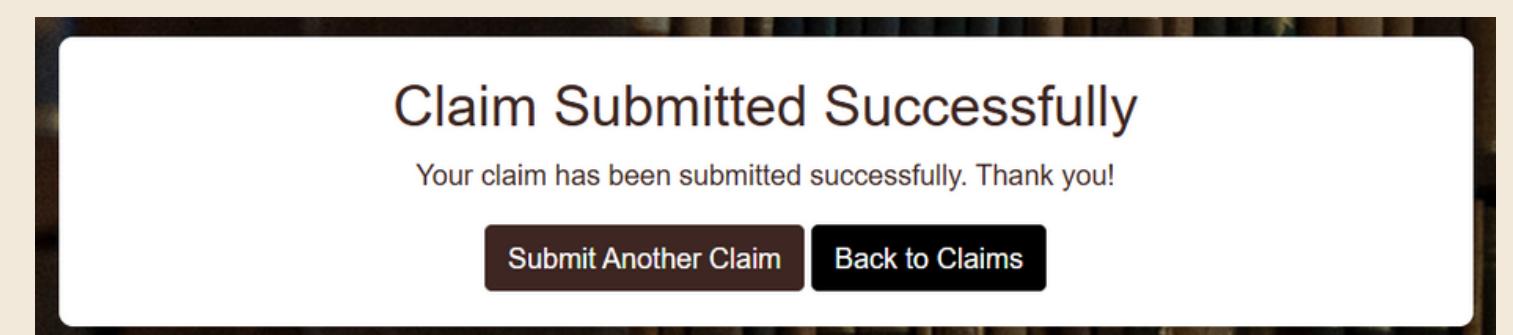
Total Amount (R): 3000.00

Supporting Document: Choose File ST10249843_PROG6212_PROJECTPLAN.pdf

Submit Claim Reset



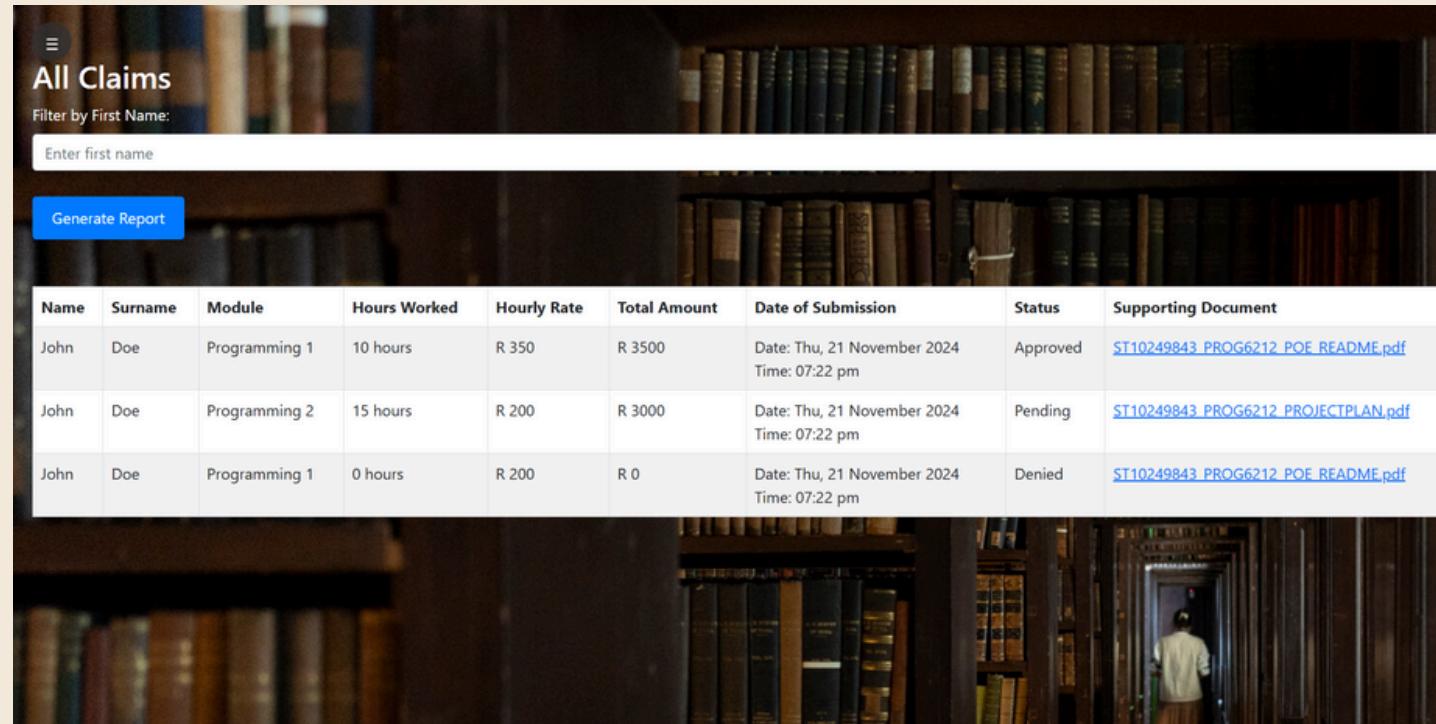
successful claim
submission screen where
you can submit another
claim, or you can go back
to the list of claims



VIEW CLAIMS (HR)

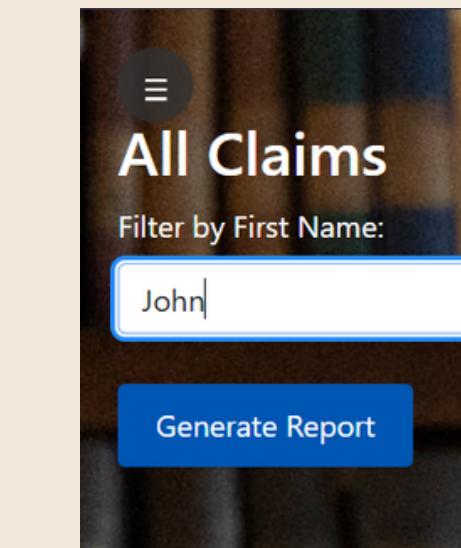
Welcome to the "View Claims" page for HR! Here, you can easily:

- View all claims made by all lecturers
- Filter through lecturer names
- Generate an invoice report for a specific lecturer, showing only their approved claims and subtotal



Name	Surname	Module	Hours Worked	Hourly Rate	Total Amount	Date of Submission	Status	Supporting Document
John	Doe	Programming 1	10 hours	R 350	R 3500	Date: Thu, 21 November 2024 Time: 07:22 pm	Approved	ST10249843 PROG6212 POF README.pdf
John	Doe	Programming 2	15 hours	R 200	R 3000	Date: Thu, 21 November 2024 Time: 07:22 pm	Pending	ST10249843 PROG6212 PROJECTPLAN.pdf
John	Doe	Programming 1	0 hours	R 200	R 0	Date: Thu, 21 November 2024 Time: 07:22 pm	Denied	ST10249843 PROG6212 POF README.pdf

displays a list of all the lecturers and their claims



All Claims

Filter by First Name: John

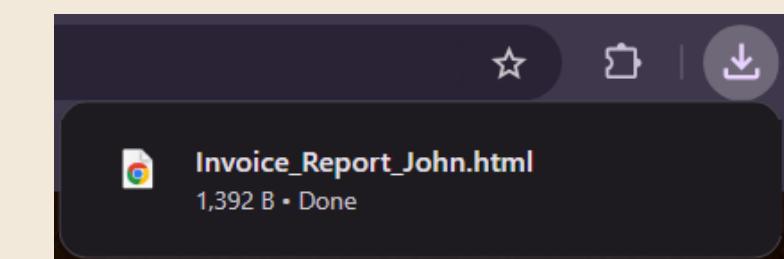
Generate Report

filter by first name



Invoice Report For: John				
Module	Hours Worked	Hourly Rate	Date	Total
Programming 1	10	R350,00	Thu, 21 November 2024	R3 500,00
Summary				
Total Claims Made: 1				
Subtotal Hours Worked: 10 hours				
Subtotal Amount: R3 500,00				

invoice report displaying all approved claims



downloaded invoice report



REVIEW CLAIMS (ADMIN)

<Contract>
<Monthly_Claim>
<System>



Submit Claim

Name	John
Surname	Doe
Module	Programming 2
Hours Worked	15
Hourly Rate	200
Total Amount (R)	3000.00
Supporting Document	<input type="file"/> ST10249843_PROG6212_PROJECTPLAN.pdf

Submit Claim Reset

lecturer
submits a claim



All Claims

Filter by Status: All

Name	Surname	Module	Hours Worked	Hourly Rate	Total Amount	Date of Submission	Status	Supporting Document
John	Doe	Programming 1	10 hours	R 350	R 3500	Date: Thu, 21 November 2024 Time: 07:33 pm	Approved	ST10249843_PROG6212_POF_README.pdf
John	Doe	Programming 2	15 hours	R 200	R 3000	Date: Thu, 21 November 2024 Time: 07:33 pm	Approved	ST10249843_PROG6212_PROJECTPLAN.pdf
John	Doe	Programming 1	0 hours	R 200	R 0	Date: Thu, 21 November 2024 Time: 07:33 pm	Denied	ST10249843_PROG6212_POF_README.pdf

claim is approved/denied



CMCS

Approve Claims

Claim ID	Name	Surname	Module	Hours Worked	Total Amount	Date of Submission	Status	Actions
2	John	Doe	Programming 2	15	R 3000	2024/11/21	Pending	<input type="button"/> Approve <input type="button"/> Deny

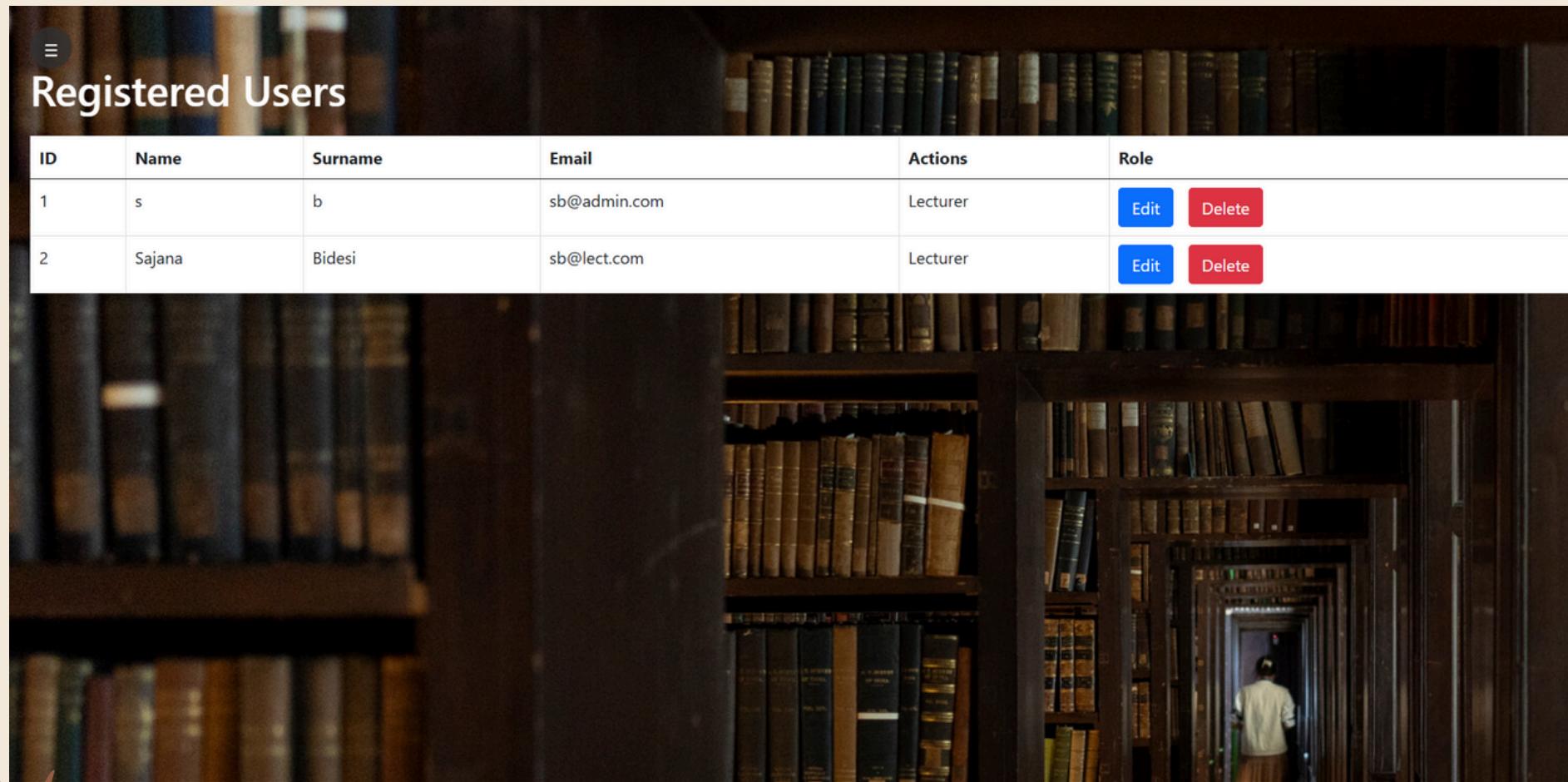
admin (pc/am) logs in
and can approve or
deny pending claims



claim that is > 15 hours is
displayed as "pending"

MANAGE LECTURERS (HR)

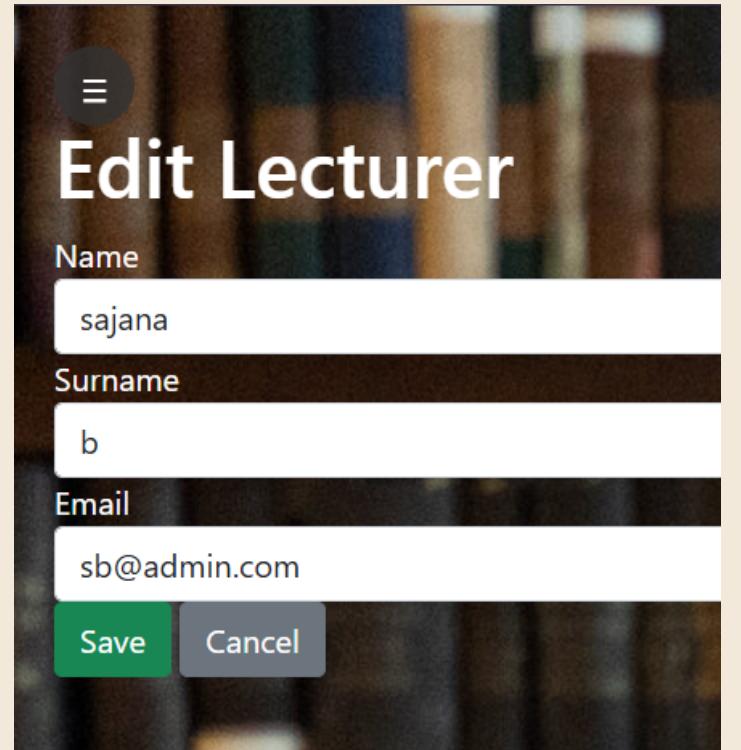
This page is for HR to manage lecturers. HR can edit lecturer details or delete their profile entirely.



Registered Users

ID	Name	Surname	Email	Actions	Role
1	s	b	sb@admin.com	Lecturer	<button>Edit</button> <button>Delete</button>
2	Sajana	Bidesi	sb@lect.com	Lecturer	<button>Edit</button> <button>Delete</button>

only displays
registered lecturers



Edit Lecturer

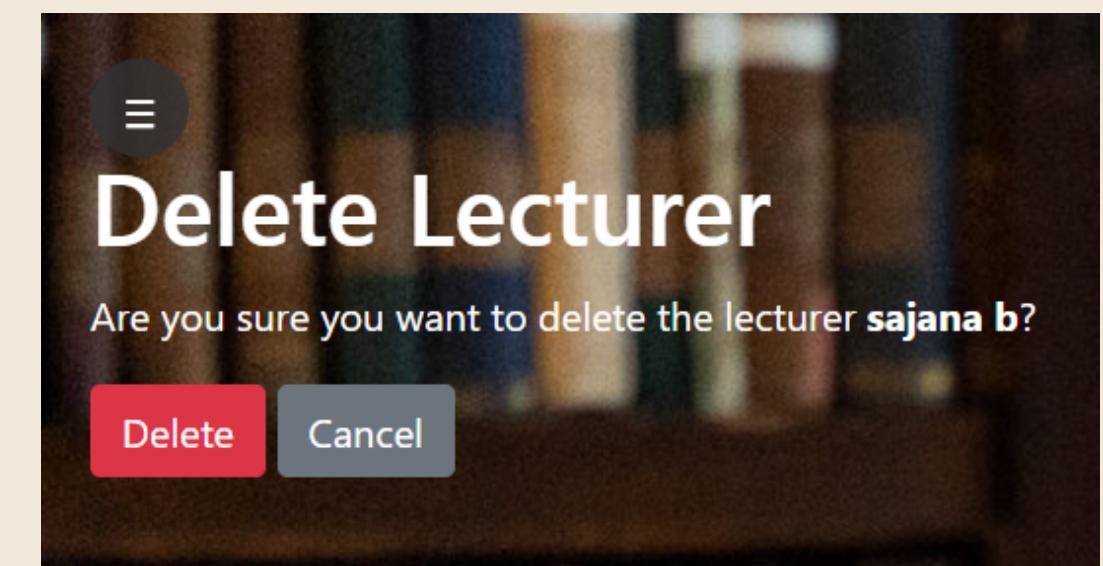
Name: sajana

Surname: b

Email: sb@admin.com

Save Cancel

edit
lecturer
details



Delete Lecturer

Are you sure you want to delete the lecturer **sajana b?**

Delete Cancel

delete
lecturer
profile

THANK YOU :)

[YOUTUBE LINK](#)

[GITHUB LINK](#)