

# PROG6212

# POE

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# DETAILS OF PROJECT

- A comprehensive web application for managing teaching claims in an educational institution. The system supports multiple user roles with specific functionalities for each role.
- Users and their roles are:
  - Lecturers: Submit claims, view history, upload documents
  - Coordinators: Verify claims, accept/reject, review documents
  - Managers: Approve verified claims, monitor processing
  - HR Administrators: Dashboard, user management, analytics, reporting
- Key Features of the Project are:
  - Real-time claim calculation
  - Encrypted file uploads (PDF, DOCX, XLSX)
  - Role-based dashboards & workflows
  - Analytics & printable reports

# Welcome to College Claims System

Streamline your claim submission and management process with our comprehensive platform. Designed for lecturers, coordinators, managers, and HR professionals.

 Get Started

Learn More

## System Features

Comprehensive claim management for all user roles



### For Lecturers

Submit claims, track status, and manage your teaching hours



### For Coordinators

Verify claims and ensure accuracy before manager approval.




### For Managers


Approve verified claims and manage departmental budgets.

## HOME PAGE


- This is the home page of the project
- It has Icons of each user and describes their roles
- To login as any of the users click get started and it'll take you to the login page

 **College Claims System**  
Please sign in to continue


Email Address

 Enter your email

Password

 Enter your password

☐ Remember me

 Sign In

**Demo Accounts:**

**Lecturer:**  
zaara.salie@prog.ac.za  
lecturer123

**HR:**  
hr@college.ac.za  
hr123

**Coordinator:**  
thabo.mokoena@college.ac.za  
coordinator123

**Manager:**  
naledi.jacobs@college.ac.za  
manager123

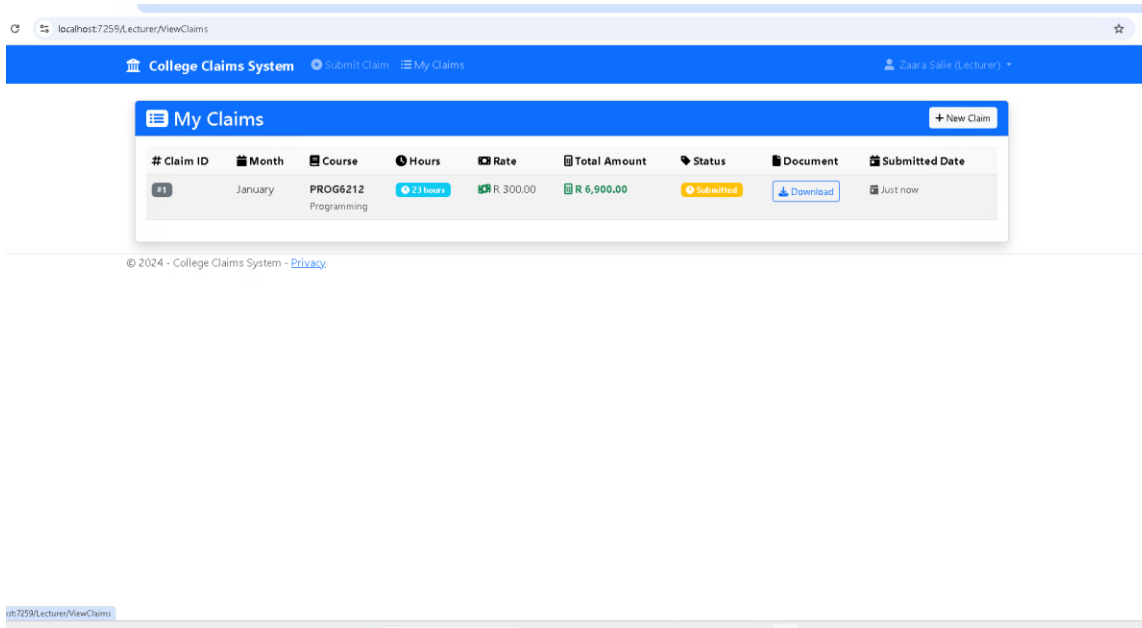
# LOGIN PAGE

- This is the login page
- This is where the page will take you after you click get started
- The user inputs their email and password to log in to their account
- I've included the demo users in the view as well as their passwords to make it easier to the marker to test run each user's login
- It will produce an error should the wrong details be inputted

# LECTURER SUBMIT CLAIM AND LOGIN

- After entering the login credentials for lecturer, it will take you here to fill in and submit your claim
- There's automation that will show the amount the lecturer will receive for the number of hours they worked
- They are required to submit a document that supports their claim
- Lastly, they click submit claim to submit their claims
- It will then show a notification that the claim has been submitted successfully as shown in the second image

# LECTURER CLAIMS



- The user can view their claims by clicking my claims on top
- It'll then display all the claims they made as well as the status of each one in real time
- It also prompts the user to submit a new claim
- The user can also download a copy of the claim they've submitted

## HR Dashboard

[View All Claims](#)

[Claims Summary](#)

[Manage Users](#)

TOTAL CLAIMS

0



APPROVED CLAIMS

0



PENDING CLAIMS

0



TOTAL USERS

4



LECTURERS

1



COORDINATORS

1



MANAGERS

1



HR STAFF

1



REJECTED

0



VERIFIED

0




### ⚡ Quick Actions





## HR VIEWS

- This is how the HR user's view will look like after they've logged in
- They are able to add, delete and edit users
- They can view claims, number of users for each role, and status of all claims as well as the summaries for the claims


# HR CREATING NEW USERS

 College Claims System   [Dashboard](#)   [All Claims](#)   [Claims Summary](#)   [Manage Users](#)   Sarah Peterson (HR) ▾


 Add lecturer

 Full Name \*


Penny Lopez

 Email \*


lecturer@gmail.com

 Password \*


.....  
Password must be at least 6 characters long.

 Department \*

Humanity

 Phone Number


0872234567

 Faculty

Health

← Cancel

Create lecturer

 About lecturer Users

Lecturers can submit claims for teaching hours and view their claim history. They have access to the claim submission form and their personal claim records.

- HR is adding a new lecturer
- This all the necessary information that needs to be inserted when creating a new user
- When the user clicks create it will take them back to the dashboard and a notification will be displayed indicating that a user has been successfully created



Lecturers <span>2 Users</span>						
ID	Full Name	Email	Department	Phone	Faculty	Actions
1	Zaara Salie	zaara.salie@prog.ac.za	Computer Science	0821234567	Science & Technology	<a href="#">Edit</a> <a href="#">Delete</a>
2	Penny Lopez	lecturer@gmail.com	Humanity	0872234567	Health	<a href="#">Edit</a> <a href="#">Delete</a>

Coordinators <span>1 User</span>				
ID	Full Name	Email	Department	Actions
1	Thabo Mokoena	thabo.mokoena@college.ac.za	Computer Science	<a href="#">Edit</a> <a href="#">Delete</a>

Managers <span>1 User</span>				
ID	Full Name	Email	Faculty	Actions
1	Naledi Jacobs	naledi.jacobs@college.ac.za	Science & Technology	<a href="#">Edit</a> <a href="#">Delete</a>

HR Staff <span>1 User</span>				
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# HR VIEWING AND EDITING USERS

- The user can see all the users and either edit or delete each user

## All Claims

← Back to Dashboard

1 Claims



0

Submitted



0

Verified





1

Approved



0

Rejected

# Claim ID	Lecturer	Department	Month	Course	Hours	Rate	Total Amount	Status	Document	Actions
#1	Zaara Salie	Computer Science	January	PROG6212 Programming	23 hours	R 300.00	R 6,900.00	Approved	Lecturer Claim January.pdf	 



23.0

Total Hours



R 6,900.00

Total Amount



1

Unique Lecturers

# HR VIEWING CLAIMS

The user can see all the claims made

## Lecturer Claims Summary

Comprehensive overview of claims submitted by all lecturers

[Dashboard](#)[All Claims](#)[Print Report](#)

TOTAL LECTURERS  
0



TOTAL CLAIMS  
0



TOTAL AMOUNT  
R 0.00



APPROVAL RATE  
0.0%



REJECTION RATE  
0.0%



AVG PER LECTURER  
R 0.00



### Overall Claims Status Breakdown

0

Submitted

0

Verified

0

Approved

0

Rejected

# HR VIEWING LECTURER CLAIMS SUMMARY

- The user can view a summary of all the claims each lecturer submits
- They can view the average, approval and rejection rate as well the total amount and overall breakdown of the claims

# COORDINATOR VIEW

College Claims System | Verify Claims 1 | All Claims | Thabo Mokoena (Coordinator)

### Claims Awaiting Verification 1 Claims

# Claim ID	Lecturer	Department	Month	Course	Hours	Rate	Total Amount	Document	Actions
#1	Zaara Salie	Computer Science	January	PROG6212 Programming	23 hours	R 300.00	R 6,900.00	<a href="#">Download</a>	<a href="#">Verify</a> <a href="#">Reject</a>


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- Coordinator can verify or reject claims
- Once they approve or reject a notification will appear notifying them that it's been processed

College Claims System | Verify Claims | All Claims | Thabo Mokoena (Coordinator)

### Claims Awaiting Verification 0 Claims

Claim verified successfully!

  
**All Caught Up!**  
No claims awaiting verification.

# MANAGER VIEW

- Managers can approve claims
- Once they approve a notification will appear notifying them that it's been processed
- The manager also has a dashboard to view any pending claims which ones are approved and rejected

Claims Awaiting Approval									
1 Claims									
# Claim ID	Lecturer	Department	Month	Course	Hours	Rate	Total Amount	Document	Actions
#1	Zaara Salie	Computer Science	January	PROG6212 Programming	23 hours	R 300.00	R 6,900.00	<a href="#">Download</a>	<a href="#">Approve</a>

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College Claims System

Dashboard

Approve Claims

All Claims

Naledi Jacobs (Manager)

Claims Awaiting Approval

9 Claims

Claim approved successfully!

✓

All Caught Up!

No claims awaiting approval.

College Claims System

Dashboard

Approve Claims

All Claims

Naledi Jacobs (Manager)

Manager Dashboard

Welcome, Naledi Jacobs

Faculty: Science & Technology

Pending Approval

All Claims

TOTAL CLAIMS

1

APPROVED

1

AWAITING APPROVAL

0

SUBMITTED

0

REJECTED

0

Quick Actions

Review Claims

0 awaiting approval

View All Claims

All 1 claims

Approved Claims

1 approved

# GITHUB AND YOUTUBE LINKS

- GitHub Link- [https://github.com/ZSalie/PROG6212\\_PART3\\_St10455456\\_POE.git](https://github.com/ZSalie/PROG6212_PART3_St10455456_POE.git)
- YouTube Link- [https://youtu.be/\\_Y\\_dDMZRGFg](https://youtu.be/_Y_dDMZRGFg)



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