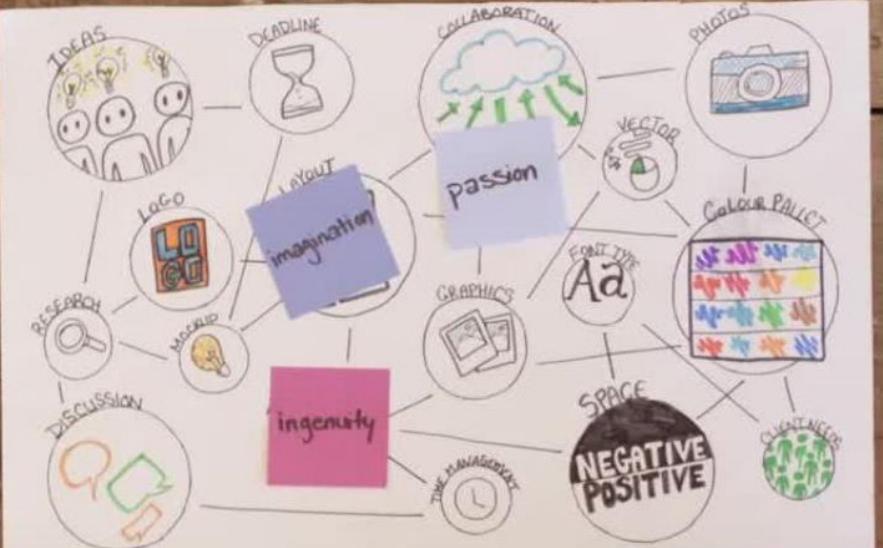


# PROG6212

# POE

PRESENTED BY ZAARA SALIE ST10455456



# 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.

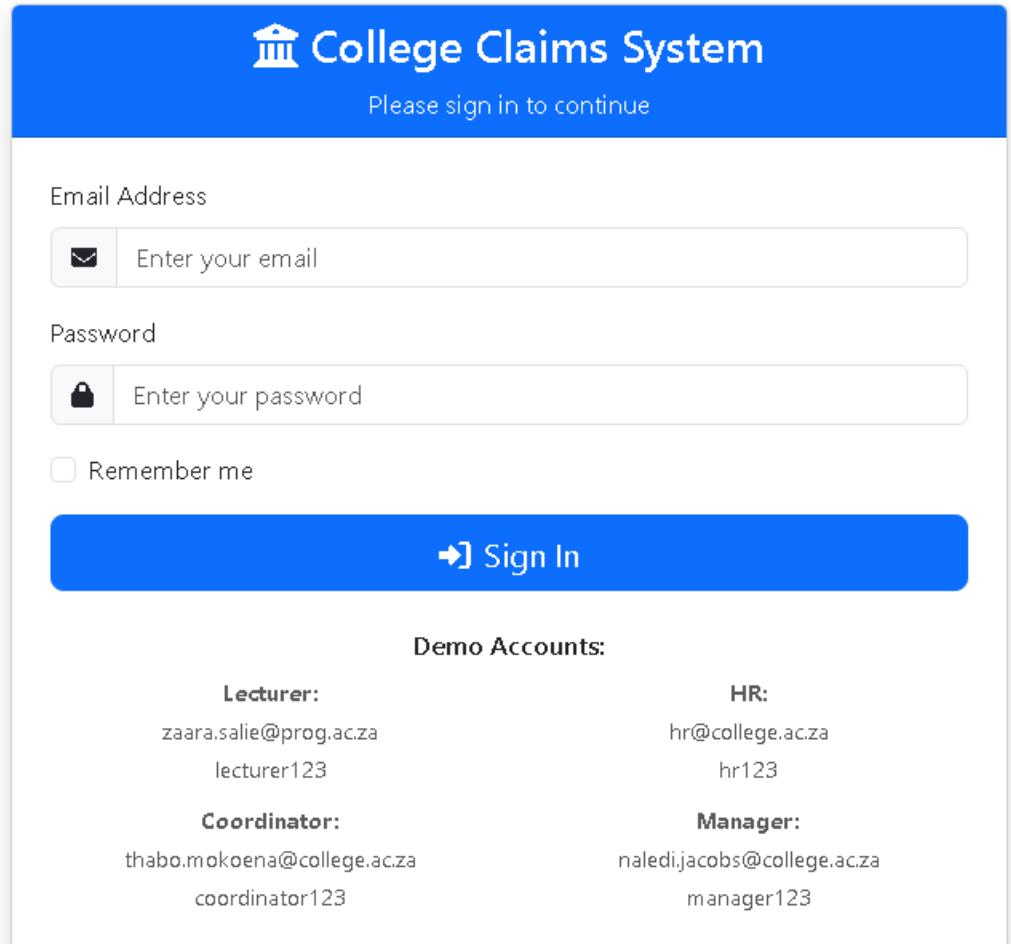


### For Managers

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



The image shows a login page for the College Claims System. At the top, there is a blue header bar with the text "College Claims System" and a small building icon. Below the header, a message says "Please sign in to continue". The main form area has fields for "Email Address" and "Password", each with a placeholder text "Enter your email" and "Enter your password" respectively. There is also a "Remember me" checkbox. A large blue "Sign In" button with a right-pointing arrow is centered below the fields. At the bottom of the form, there is a section titled "Demo Accounts:" listing several user accounts with their email addresses and passwords.

Demo Accounts:	
<b>Lecturer:</b> zaara.salie@prog.ac.za lecturer123	<b>HR:</b> hr@college.ac.za hr123
<b>Coordinator:</b> thabo.mokoena@college.ac.za coordinator123	<b>Manager:</b> 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/SubmitClaim

+ Submit New Claim

Lecturer Name Zaara Salie Department Computer Science

Month \* February Hours Worked \* 15 Minimum 0.5 hours, maximum 200 hours

Course Code \* PROG6212 Hourly Rate \* 200 Minimum R1, maximum R1000 per hour

Course Title \* Programming Total Amount R 3,000.00

Notes Finished unit 3

Supporting Document \* Choose File Lecturer Claim Febraury.pdf Allowed file types: PDF, DOCX, XLSX (Max: 5MB)

Submit Claim

host:7259/Lecturer/SubmitClaim

College Claims System Submit Claim My Claims Zaara Salie (Lecturer)

+ Submit New Claim

Claim submitted successfully! Your claim is now under review.

Lecturer Name Zaara Salie Department Computer Science

Month \* January Hours Worked \* 23 Minimum 0.5 hours, maximum 200 hours

Course Code \* PROG6212 Hourly Rate \* 300 Minimum R1, maximum R1000 per hour

Course Title \* Programming Total Amount R 6,900.00

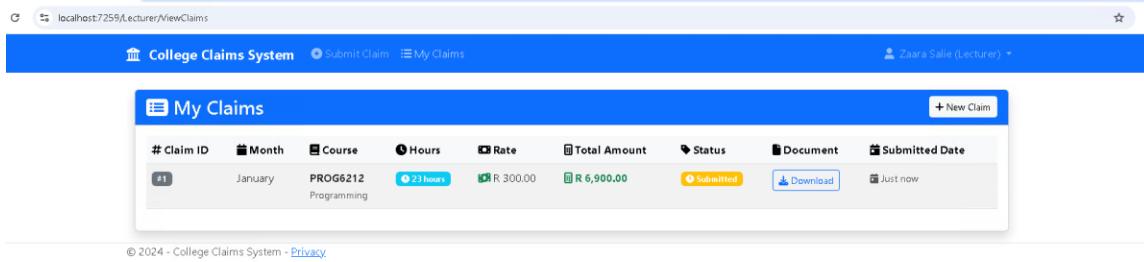
Notes Finished Unit 1

Supporting Document \*

# 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



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

The screenshot shows the 'Add lecturer' form within the College Claims System. The top navigation bar includes links for Dashboard, All Claims, Claims Summary, Manage Users, and a user profile for Sarah Peterson (HR). The main form has the following fields:

- Full Name \*: Penny Lopez
- Email \*: lecturer@gmail.com
- Password \*: (redacted)
- Department \*: Humanity
- Phone Number: 0872234567
- Faculty: Health (highlighted with a blue border)

Below the form, a section titled 'About lecturer Users' provides information: "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**

ID	Full Name	Email	Department	Phone	Faculty	Actions
#1	Zaara Salie	zaara.salie@prog.ac.za	Computer Science	0821234567	Science & Technology	
#2	Penny Lopez	lecturer@gmail.com	Humanity	0872234567	Health	

**Coordinators**

ID	Full Name	Email	Department	Actions
#1	Thabo Mokoena	thabo.mokoena@college.ac.za	Computer Science	

**Managers**

ID	Full Name	Email	Faculty	Actions
#1	Naledi Jacobs	naledi.jacobs@college.ac.za	Science & Technology	

**HR Staff**

# 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

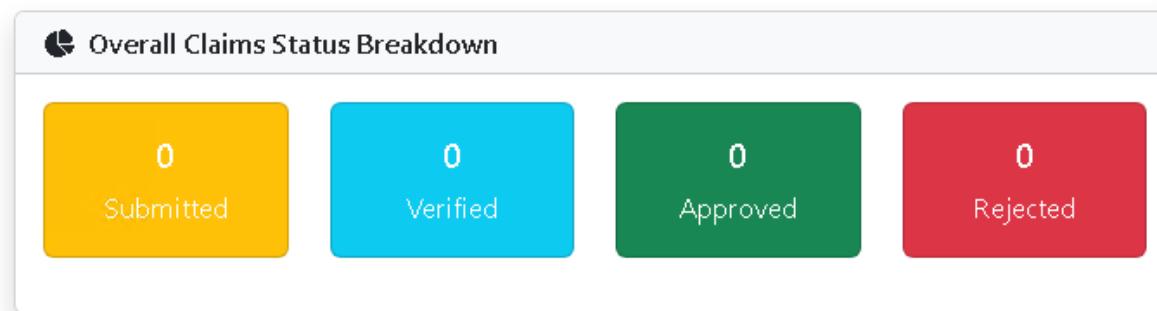
TOTAL CLAIMS  
0

TOTAL AMOUNT  
R 0.00

APPROVAL RATE  
0.0%

REJECTION RATE  
0.0%

Avg PER LECTURER  
R 0.00



# 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

The screenshot shows a web-based application for managing claims. At the top, there's a blue header bar with the text "College Claims System", "Verify Claims", "All Claims", and a user profile for "Thabo Mokoena (Coordinator)". Below the header is a yellow banner titled "Claims Awaiting Verification" with a count of "1 Claims". The main content area displays a single claim row with the following details:

- # Claim ID: Zaara Salie
- Lecturer: Computer Science
- Month: January
- Course: PROG6212 Programming
- Hours: 23 hours
- Rate: R 300.00
- Total Amount: R 6,900.00

Below the claim row are three buttons: "Download", "Verify" (highlighted in green), and "Reject".

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This screenshot shows the same application after a verification action. The yellow banner now says "Claims Awaiting Verification" with "0 Claims". A green success message at the top left states "Claim verified successfully!". Below it is a central message: "All Caught Up! No claims awaiting verification." with a checkmark icon.

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

# MANAGER VIEW

A screenshot of a web application interface titled 'Claims Awaiting Approval'. At the top right, it says '1 Claims'. Below is a table with columns: #, Claim ID, Lecturer, Department, Month, Course, Hours, Rate, Total Amount, Document, and Actions. One row is shown: #1, Zaara Salie, Computer Science, January, PROG6212, Programming, 23 hours, R 300.00, R 6,900.00, with 'Download' and 'Approve' buttons.

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A screenshot of the same application after an approval. It shows a green notification bar at the top with 'Claim approved successfully!'. Below, a message says 'All Caught Up! No claims awaiting approval.'

A screenshot of the 'Manager Dashboard'. At the top, it says 'Welcome, Naledi Jacobs' and 'Faculty: Science & Technology'. It features a summary of claim status: TOTAL CLAIMS 1, APPROVED 1, AWAITING APPROVAL 0, SUBMITTED 0, and REJECTED 0. Below is a 'Quick Actions' section with three buttons: 'Review Claims' (0 awaiting approval), 'View All Claims' (All 1 claims), and 'Approved Claims' (1 approved).

- 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

# 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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