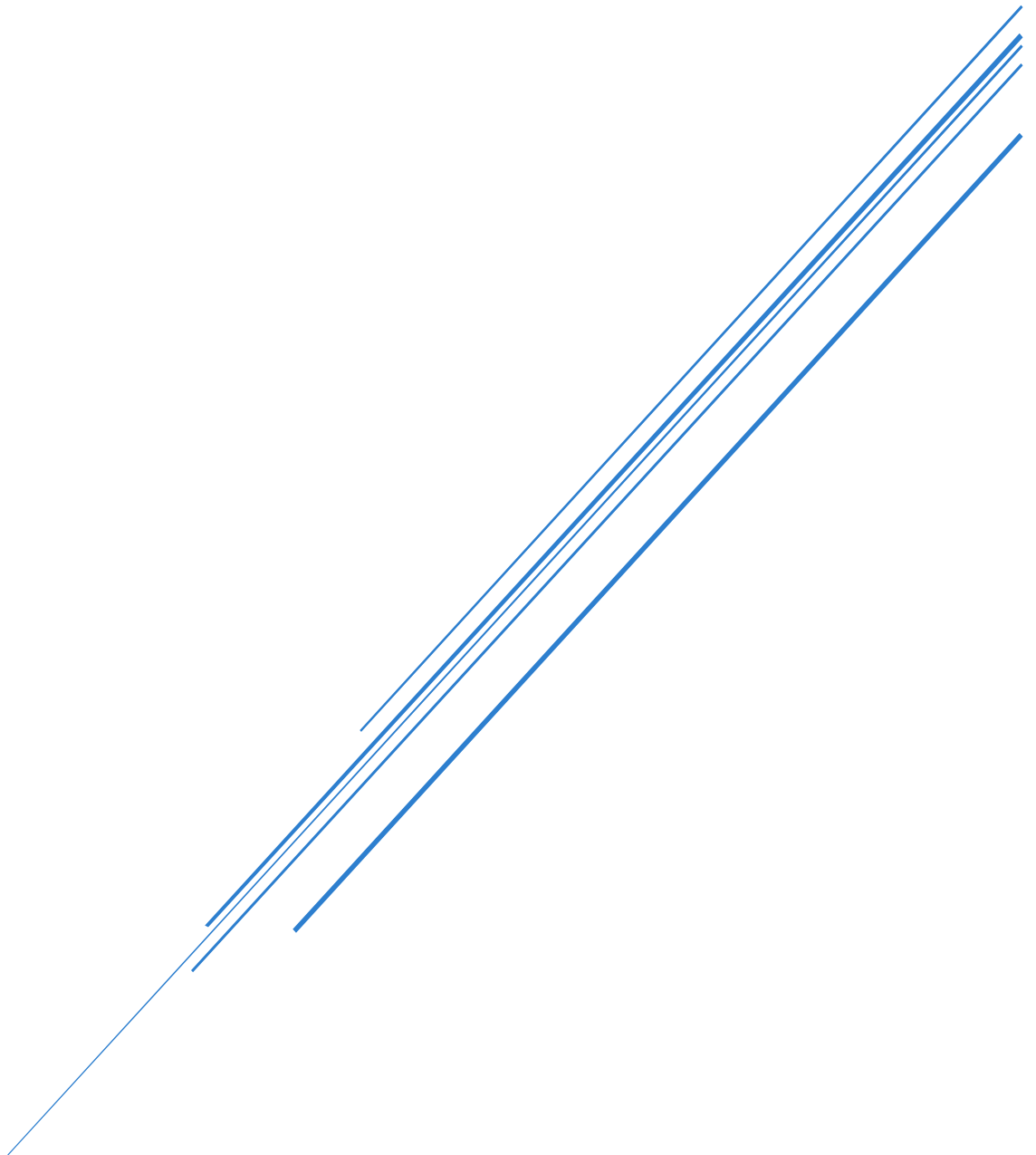


POE PART 2

PROG 6212

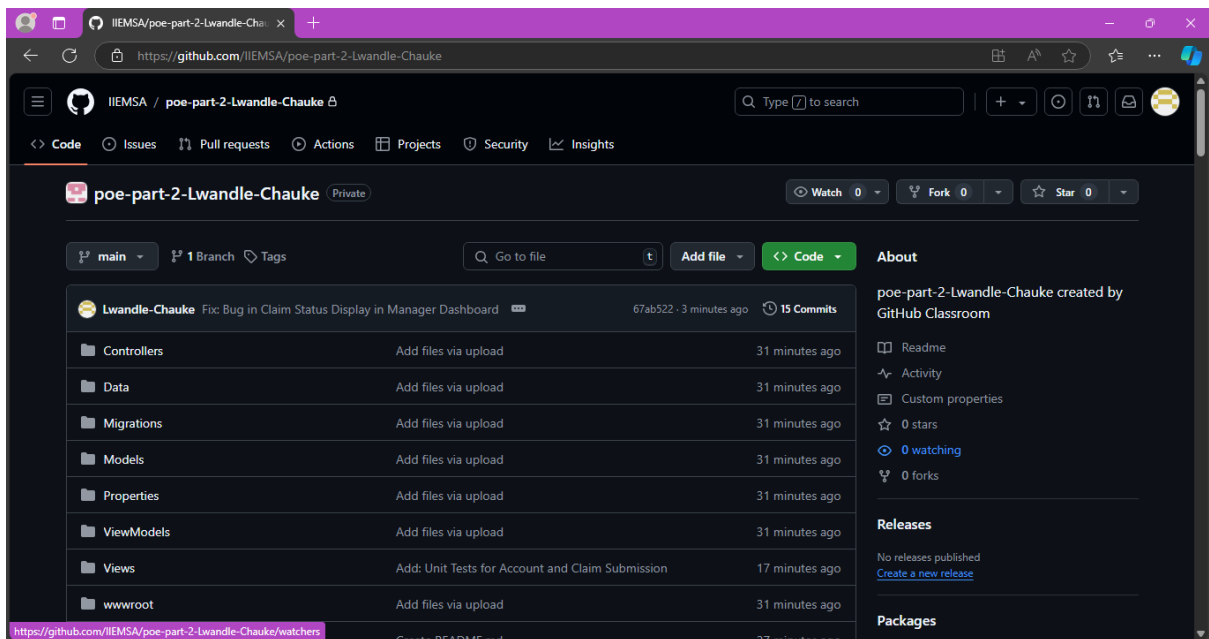


ST10380788

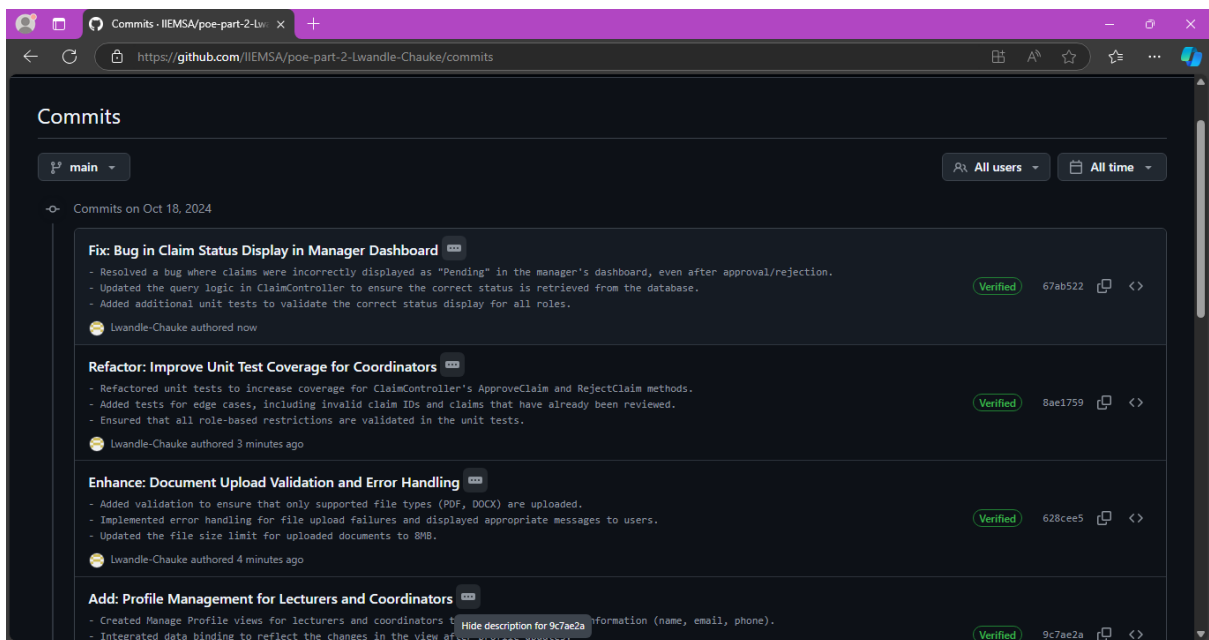
POE PART 2 DOCUMENTATION

GITHUB:

Link: <https://github.com/IEMSA/poe-part-2-Lwandle-Chauke>



Commit Details:



Commits · IIEMSA/poe-part-2-Lwandle-Chauke

https://github.com/IIEMSA/poe-part-2-Lwandle-Chauke/commits

Add: Profile Management for Lecturers and Coordinators new

- Created Manage Profile views for lecturers and coordinators to edit their personal information (name, email, phone).
- Integrated data binding to reflect the changes in the view after profile updates.
- Added functionality for updating passwords with validation.

Verified 9c7ae2a

Lwandle-Chauke authored 6 minutes ago

Refactor: Improve Role-Based Redirection and Authorization new

- Refactored login logic to improve role-based redirection, ensuring users are directed to the appropriate dashboard based on their role.
- Added authorization checks in controllers to restrict access to unauthorized roles.
- Updated the AccountController to handle role-based views dynamically.

Verified 885bc21

Lwandle-Chauke authored 13 minutes ago

Enhance: Role-Based Access for Managers new

- Added role-specific views for academic managers to track claims across the system.
- Integrated ManagerDashboard with claim overview, filtering by status (all, pending, approved, rejected).
- Enhanced security by restricting access to role-based dashboards (lecturer, coordinator, manager).

Verified 0bf5fd5

Lwandle-Chauke authored 14 minutes ago

Add: Unit Tests for Account and Claim Submission new

- Added unit tests for the account creation process, including validation tests.
- Wrote unit tests for claim submission to validate proper calculation of total claim amount.
- Added mock data for testing ClaimController and AccountController.

Verified 850e5f0

Lwandle-Chauke authored 15 minutes ago

Fix: Null Reference Error in ClaimController new

- Resolved CS8602 null reference error by adding [Hide description for 2b0e97c](#) in Controller for claim retrieval.
- Improved error handling and displayed error messages for missing claims in the Manage Claims view.

Verified 2b0e97c

Lwandle-Chauke authored 16 minutes ago

github.com/IIEMSA/poe-part-2-Lwandle-Chauke/commits/885bc21757350050737a8c1ab318ab36b459c1

Commits · IIEMSA/poe-part-2-Lwandle-Chauke

https://github.com/IIEMSA/poe-part-2-Lwandle-Chauke/commits

Add: Coordinator Claim Management new

- Created a Manage Claims section in the coordinator dashboard to view all submitted claims.
- Added buttons to approve or reject claims based on the current status.
- Integrated business logic to update claim status and notify lecturers via the UI.

Verified af04073

Lwandle-Chauke authored 18 minutes ago

Enhance: Track Claims and Claim Status Functionality new

- Created the Track Claims view where lecturers can track the status of their submitted claims.
- Added filtering options for status (Pending, Approved, Rejected).
- Displayed claim details such as date submitted, hours worked, total amount, and supporting documents.

Verified 9714bd9

Lwandle-Chauke authored 19 minutes ago

Add: Database Migration and Model Definitions new

- Defined User, Role, and Claim models.
- Configured MVCContext with relationships between users and claims.
- Created the initial database migration and applied it to the SQL Server database.

Verified 79b73d2

Lwandle-Chauke authored 20 minutes ago

Add: Claim Submission System for Lecturers new

- Implemented ClaimController for handling claim submissions.
- Created a Submit Claim view to allow lecturers to input hours worked and attach documents.
- Added business logic for calculating total claim amount based on hourly rate and hours worked.
- Uploaded files are stored in the wwwroot/uploads directory.

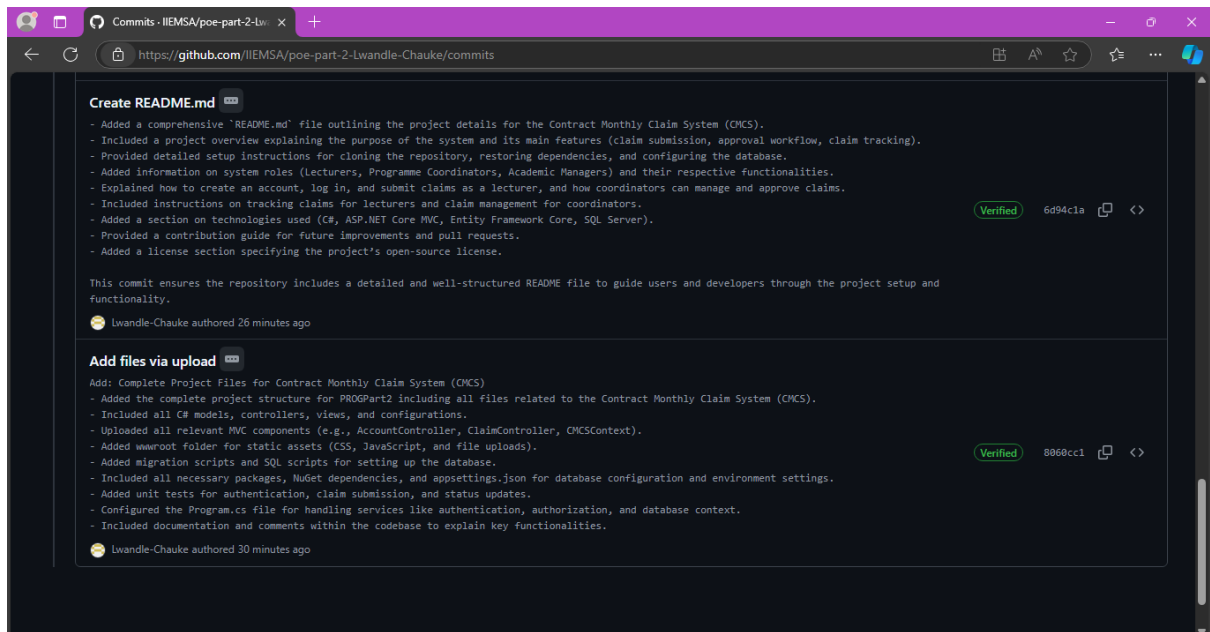
Verified 081f2cf

Lwandle-Chauke authored 21 minutes ago

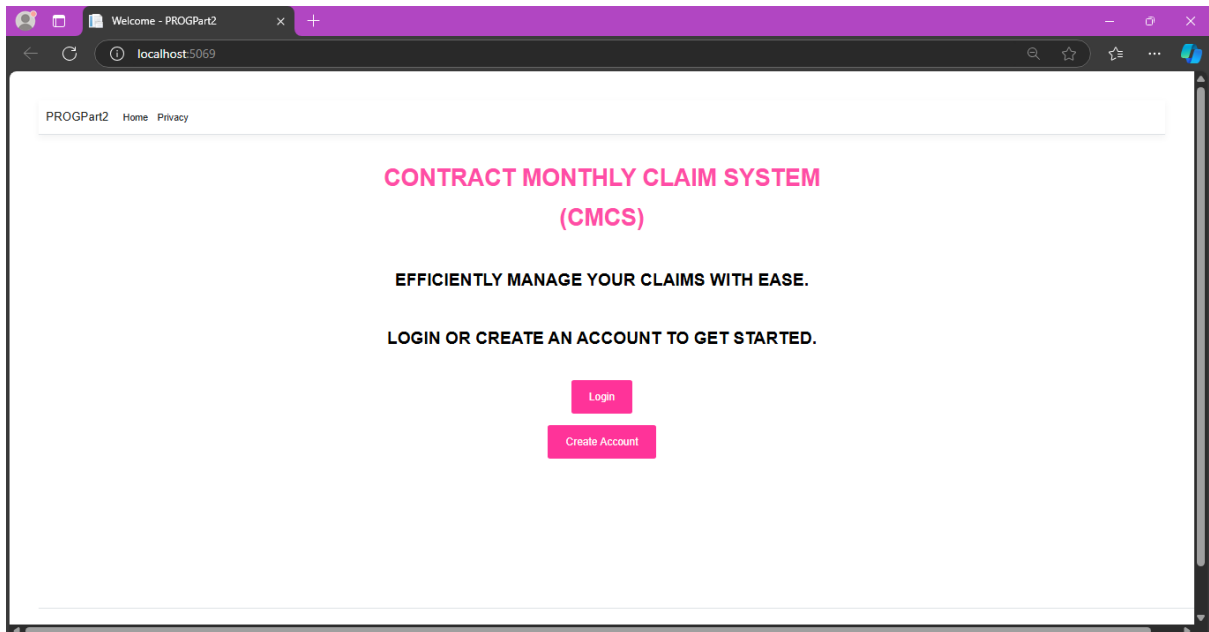
Add: AccountController and Authentication Functionality new

- Created AccountController to handle user registration and login.
- Implemented basic validation for registration (Name, Email, Password).
- Added Login and Registration views with role-based redirection.
- Integrated Identity for role-based authentication.

Verified 8968786

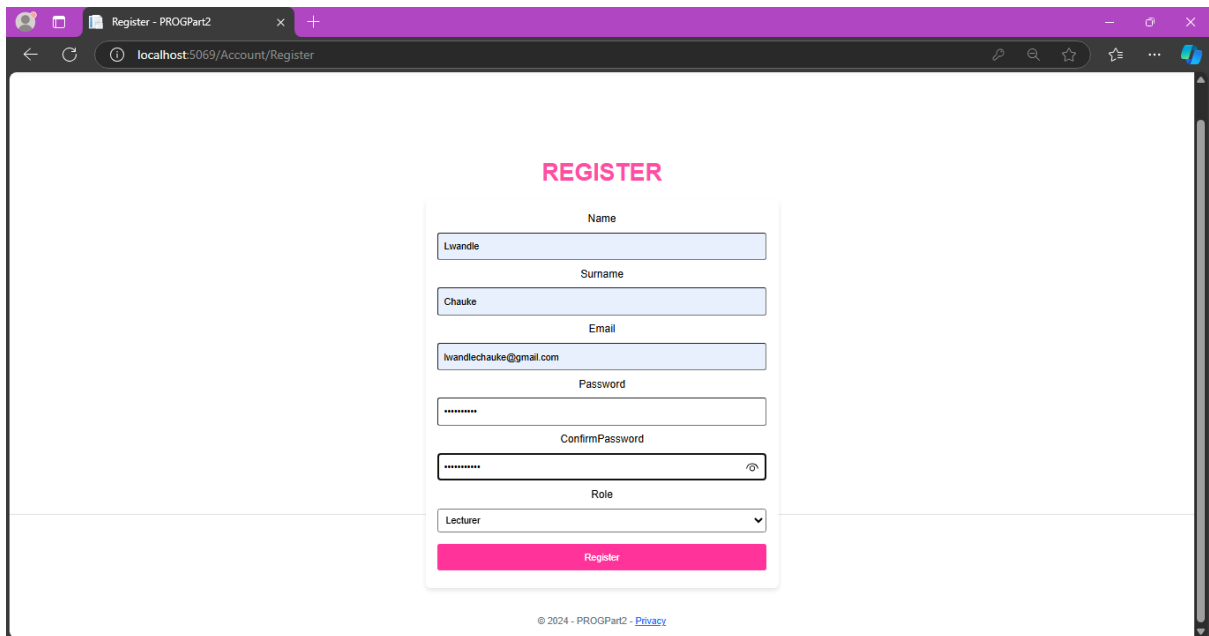


UNIT TESTS:



1. Creating an Account (Registration)

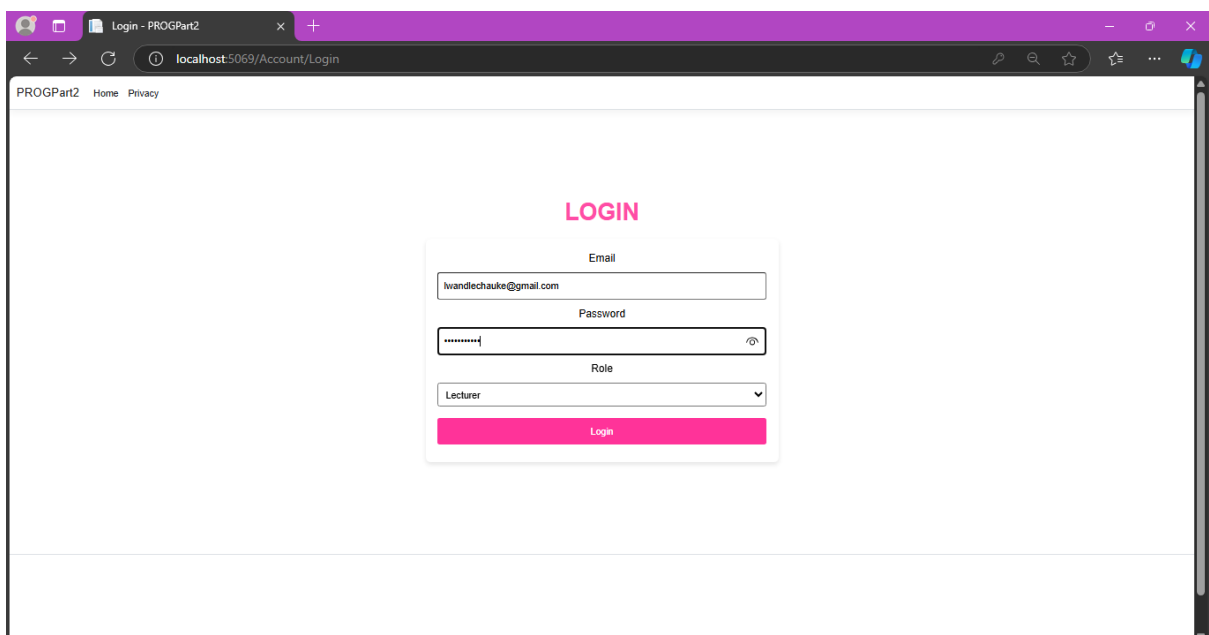
- User Action: A new user (e.g., lecturer or programme coordinator) navigates to the registration page. They fill out the form with details like their name, email, password, phone number, and role (lecturer, coordinator, manager).
- Verify that all fields are correctly validated.
- Test if a user object is created in the database after successful registration.
- Ensure role-specific redirection works as expected.



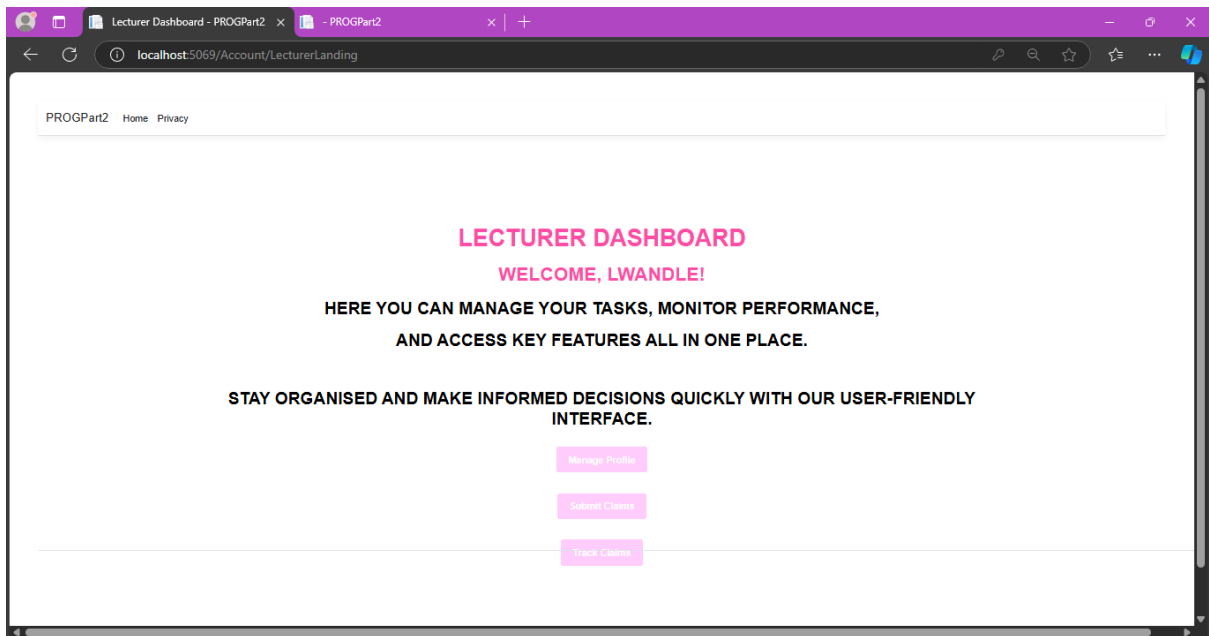
The screenshot shows a web browser window with the address bar displaying "localhost:5069/Account/Register". The page title is "Register - PROGPart2". The main content is a registration form titled "REGISTER" in pink. The form fields are: Name (Lwandle), Surname (Chauke), Email (lwandlechauke@gmail.com), Password (masked with dots), ConfirmPassword (masked with dots), and Role (Lecturer). A pink "Register" button is at the bottom. A footer note says "© 2024 - PROGPart2 - [Privacy](#)".

2. Logging In

- User Action: The user enters their registered email and password to log in.
- Validate that login works with correct credentials.
- Check that incorrect credentials prevent login.
- Ensure users are redirected correctly based on their roles.



The screenshot shows a web browser window with the address bar displaying "localhost:5069/Account/Login". The page title is "Login - PROGPart2". The main content is a login form titled "LOGIN" in pink. The form fields are: Email (lwandlechauke@gmail.com), Password (masked with dots), and Role (Lecturer). A pink "Login" button is at the bottom. A navigation bar at the top left shows "PROGPart2" and links for "Home" and "Privacy".



3. Submitting a Claim

- User Action: A lecturer fills out a claim form (e.g., hours worked, hourly rate, supporting documents) and submits it.
- Verify that claims can be submitted with valid data.
- Ensure the claim's status is correctly set to "Pending" after submission.
- Check that the claim is properly saved in the database.

PROGPart2 Home Privacy

SUBMIT CLAIM

Start Date

mm/dd/yyyy

End Date

mm/dd/yyyy

Hours Worked

Hourly Rate

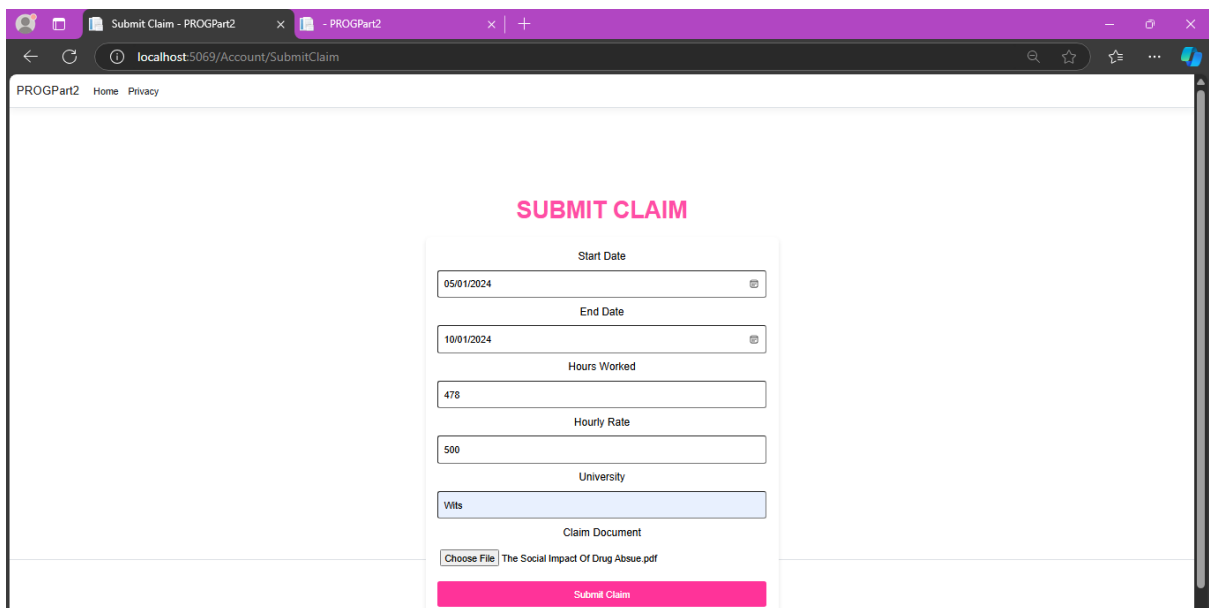
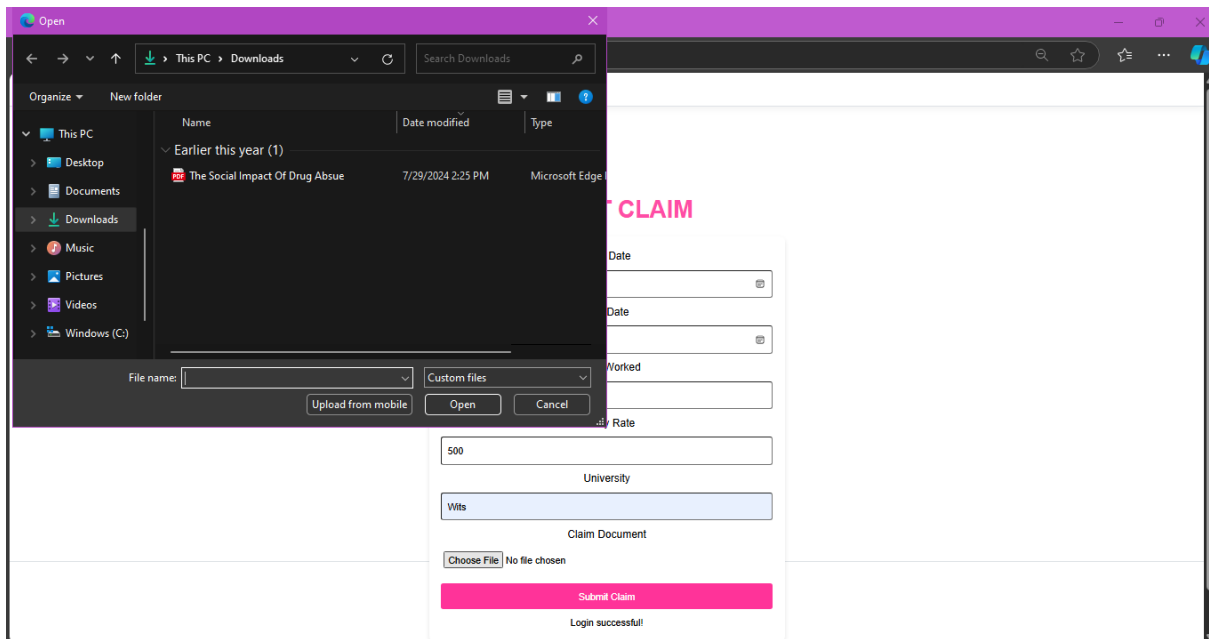
University

Claim Document

Choose File No file chosen

Submit Claim

Login successful!



4. Tracking the Claim

- User Action: After submitting a claim, a lecturer can track its status from their dashboard.
- Test that the correct claims are displayed for the logged-in lecturer.
- Ensure the status of claims is accurately shown.
- Check that all claims (not just pending ones) are visible in the tracking section.

PROGPart2 Home Privacy

TRACK CLAIMS

Claim ID	Date Submitted	Status	Details
4	2024-10-01	Accepted	View Details
5	2024-05-01	Accepted	View Details
7	2024-09-25	Accepted	View Details
1009	2024-10-01	Pending	View Details
1015	2024-05-01	Pending	View Details

PROGPart2 Home Privacy

CLAIM DETAILS

Claim ID	1015
Date Submitted	2024-05-01
Lecturer Email	mmqobil@gmail.com
University	Wits
Hours Worked	478
Hourly Rate	R500.00
Total Amount	R239 000.00
Document	View Document
Status	Pending

[Back to Track Claims](#)

5. Programme Coordinator Reviewing the Claim

- User Action: The programme coordinator logs in and reviews claims submitted by lecturers. They can either accept or reject a claim.
- Validate that all claims are fetched correctly for the logged-in coordinator.
- Ensure that the claim's status is updated correctly when the coordinator approves or rejects it.
- Test that claims can only be acted upon if they are in a "Pending" state.

PROGPart2 Home Privacy

LOGIN

Email

Password

Role

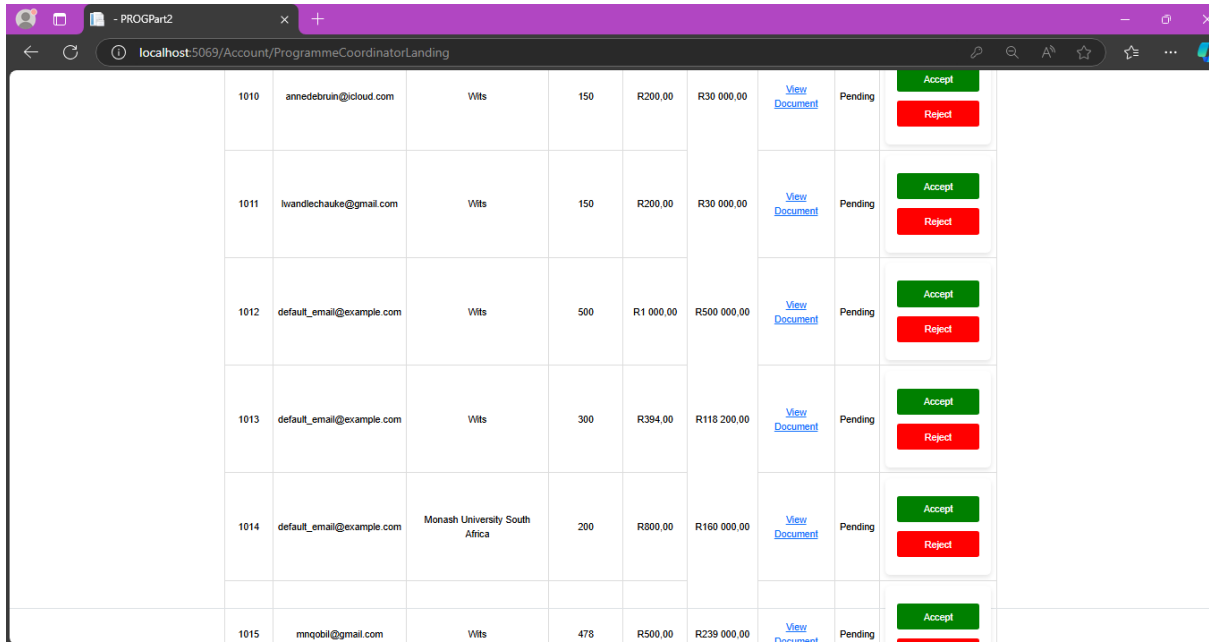
Programme Coordinator/Manager

Login

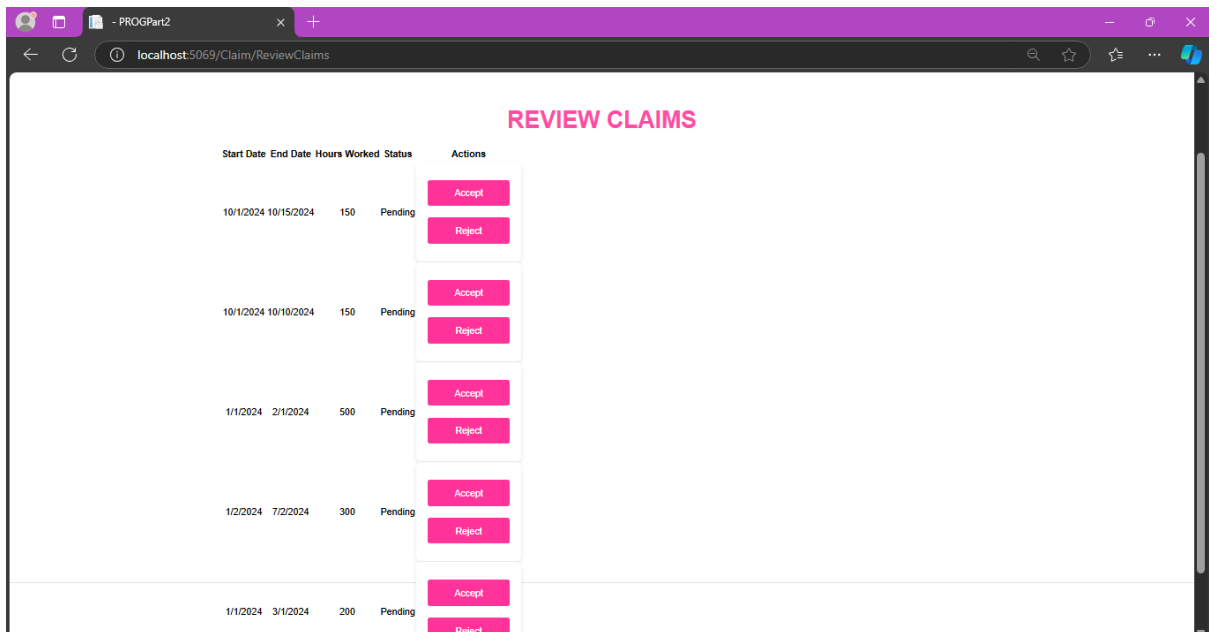
PROGPart2 Home Privacy

MANAGE CLAIMS

Claim ID	Lecturer Email	University	Hours Worked	Hourly Rate	Total Amount	Document	Status	Action
1009	mnqobil@gmail.com	University of Johannesburg	50	R265,00	R13 250,00	View Document	Pending	<div>Accept</div> <div>Reject</div>
1010	annedebuin@icloud.com	Wits	150	R200,00	R30 000,00	View Document	Pending	<div>Accept</div> <div>Reject</div>
1011	hwandechaute@gmail.com	Wits	150	R200,00	R30 000,00	View Document	Pending	<div>Accept</div> <div>Reject</div>
						View		<div>Accept</div>



ID	Email	Institution	Hours	Amount 1	Amount 2	Document	Status	Actions
1010	annedebruin@icloud.com	Wits	150	R200.00	R30 000.00	View Document	Pending	<button>Accept</button> <button>Reject</button>
1011	lwandlechauke@gmail.com	Wits	150	R200.00		View Document	Pending	<button>Accept</button> <button>Reject</button>
1012	default_email@example.com	Wits	500	R1 000.00	R500 000.00	View Document	Pending	<button>Accept</button> <button>Reject</button>
1013	default_email@example.com	Wits	300	R394.00		View Document	Pending	<button>Accept</button> <button>Reject</button>
1014	default_email@example.com	Monash University South Africa	200	R800.00	R160 000.00	View Document	Pending	<button>Accept</button> <button>Reject</button>
1015	mnqobil@gmail.com	Wits	478	R500.00	R239 000.00	View Document	Pending	<button>Accept</button> <button>Reject</button>



REVIEW CLAIMS

Start Date	End Date	Hours Worked	Status	Actions
10/1/2024	10/15/2024	150	Pending	<button>Accept</button> <button>Reject</button>
10/1/2024	10/10/2024	150	Pending	<button>Accept</button> <button>Reject</button>
1/1/2024	2/1/2024	500	Pending	<button>Accept</button> <button>Reject</button>
1/2/2024	7/2/2024	300	Pending	<button>Accept</button> <button>Reject</button>
1/1/2024	3/1/2024	200	Pending	<button>Accept</button> <button>Reject</button>