

Contract Monthly Claims Application

Student Number: ST10384670

Module Code: PROG6212

GitHub Repository: [<https://github.com/VCDN-2025/prog6212-poe-part-2-ST10384670.git>]

1. Project Overview

The Contract Monthly Claims Application is an ASP.NET Core MVC web application designed to manage lecturer claims. The system allows lecturers to submit claims, coordinators to verify claims, and academic managers to approve claims.

Key features:

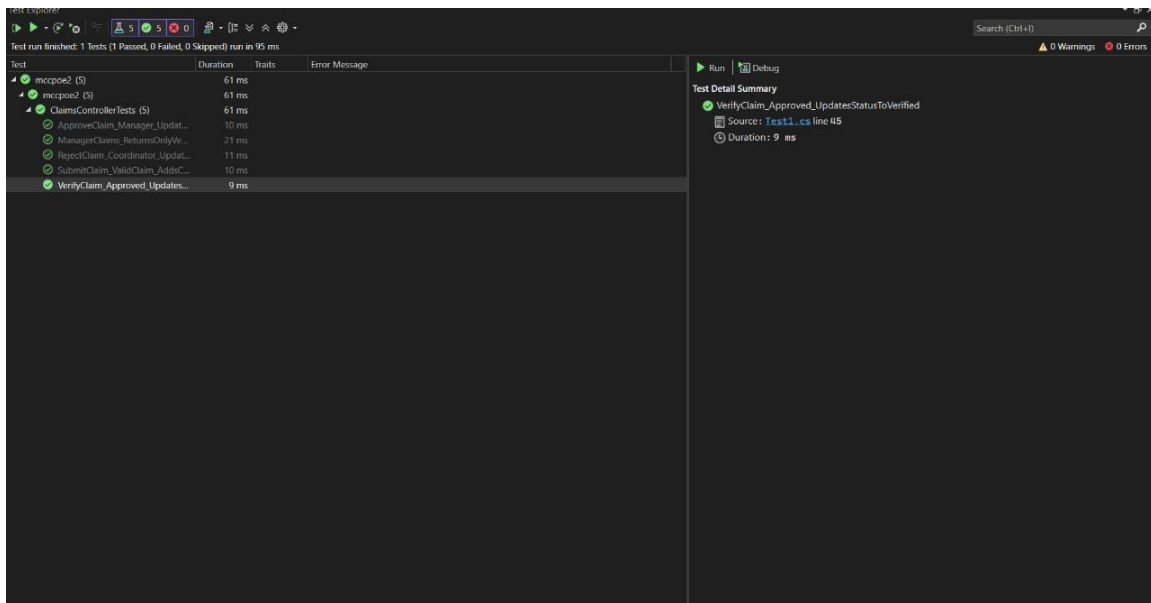
- Submission of claims by lecturers with module selection and automatic hourly rate.
- Upload supporting documents (.pdf, .docx, .xlsx) with encryption for security.
- Real-time claim status tracking.
- Coordinator view for verifying/rejecting claims.
- Manager view for approving/rejecting claims.

2. Modules & Hourly Rates

Module Name	Hourly Rate (R)
Mathematics 101	150
Physics 201	180
Computer Science 301	200
Chemistry 101	160

3. Screenshots

Unit Testing Screenshot:



4. Changes Implemented

- Added Module Selection to the lecturer claim form.
- Hourly rates are fixed per module and automatically populate when a module is selected.
- Updated Lecturer Claim View, Coordinator View, and Manager View to display modules.
- Styling improvements for all pages with gradients, hover effects, and soft backgrounds.
- File upload validation with supported file types and size limit.
- Claim status tracking and progression through verification and approval stages.

5. Usage Instructions

Lecturer Submission:

- Select module, enter hours, notes, upload supporting documents, submit claim.

Coordinator Verification:

- View pending claims, verify or reject claims.

Manager Approval:

- View verified claims, approve or reject claims.

6. References

🔗 Microsoft Docs – ASP.NET Core MVC: <https://docs.microsoft.com/en-us/aspnet/core/mvc/>

🔗 Microsoft Docs – Razor Pages / Tag Helpers: <https://docs.microsoft.com/en-us/aspnet/core/mvc/views/>

🔗 Bootstrap Documentation (for styling and components): <https://getbootstrap.com/docs/5.3/getting-started/introduction/>

🔗 Stack Overflow – common ASP.NET MVC and C# solutions: <https://stackoverflow.com/>

OpenAI. *ChatGPT*. <https://chat.openai.com/>

Used for guidance on MVC design, Razor Pages, module selection, and UI improvements.7.

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