# **Cover Page**

Module: PROG6212

Programming 2B

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### Feedback

Criteria	Does not meet the required standard	Meets the required standard	Partially exceeds the required standard	Greatly exceeds the required standard	Criterion Score	
Documentation: Design Choices and Structure [15 Marks]	7 points  The explanation of design choices, database structure, and GUI layout lacks clarity and depth.  The rationale behind design decisions is unclear or poorly justified.  0-7 Marks	10 points  The explanation of design choices, database structure, and GUI layout is clear and adequately detailed.  The rationale behind design decisions is reasonable but may lack some depth or coherence.  8-10 Marks	12 points  The explanation of design choices, database structure, and GUI layout demonstrates clarift, depth, and coherence.  The rationale behind design decisions is well-developed and logically presented.	15 points  The explanation of design choices, database structure, and GUI layout is exceptionally dear, detailed, and coherent.  The rationale behind design decisions is comprehensive and effectively justifies all aspects of the design.  13-15 Marks	12 / 15	
Documentation: Assumptions and Constraints [5 Marks]	O points  Assumptions or constraints are not provided or are irrelevant to the project requirements.  0-1 Marks	2 points  Relevant assumptions or constraints are provided but lack detail or clarity.  2 Marks	4 points  Relevant assumptions or constraints are clearly stated and aligned with the project requirements.  3-4 Marks	5 points  Comprehensive and well- explained assumptions or constraints are provided, demonstraiting a thorough understanding of project requirements.  5 Marks	4/5	
UML Class Diagram for Databases: Accuracy and Completeness [20 Marks]	9 points  The class diagram is inaccurate or incomplete, failing to represent the data requirements effectively.  0-9 Marks	14 points  The class diagram is mostly accurate and complete, representing most data requirements but with some inaccuracies or omissions.  10-14 Marks	17 points The class diagram is accurate and complete, effectively representing the data requirements.  15-17 Marks	20 points  The class diagram is highly accurate and complete, providing a comprehensive representation of all data requirements.  18-20 Marks	18 / 20	
Project Plan: Realism and Achievability [25 Marks]	12 points  The project plan is unrealistic or lacks detail, with unclear tasks, dependencies, or timelines.  0-12 Marks	18 points  The project plan is somewhat realistic and achievable, outlining tasks, dependencies, and timeline with some clarity but lacking detail.  13-18 Marks	22 points The project plan is realistic and achievable, providing clear tasks, dependencies, and timeline with sufficient detail.  19-22 Marks	25 points  The project plan is highly realistic and achievable, presenting clear, detailed tasks, dependencies, and timeline, demonstrating excellent planning skills.  23-25 Marks	15 / 25	
Criterion Feedback under estimates on the time lines						
GUI UI: Design and User-Friendliness [25 Marks]	12 points The GUI design lacks user- friendliness and intuitiveness, with poor layout and usability. 0-12 Marks	18 points  The GUI design is somewhat user-friendly and intuitive, with adequate layout and usability but room for improvement.  13-18 Marks	22 points  The GUI design is user- friendly and intuitive, with good layout and usability.  19-22 Marks	25 points  The GUI design is highly user-friendly and intuitive, with excellent layout and usability, exceeding expectations.  23-25 Marks	14 / 25	
Criterion Feedback GUI requires improvement						
Version Control: Commit Frequency and Descriptive Messages [10 Marks]	O points  1 Commit is infrequent, and commit messages lack clarity or description of changes.  0-4 Marks	5 points 2 Commits are somewhat frequent, but commit messages may lack clarity or detail. 5-7 Marks	8 points 3 Commits are reasonably frequent and commit messages to provide clarity and detail regarding changes. 8-9 Marks	10 points 5 Commits are frequent, and commit messages are clear, descriptive, and informative, demonstrating excellent version control practices. 10 Marks	8/10	
Total 71 / 100						

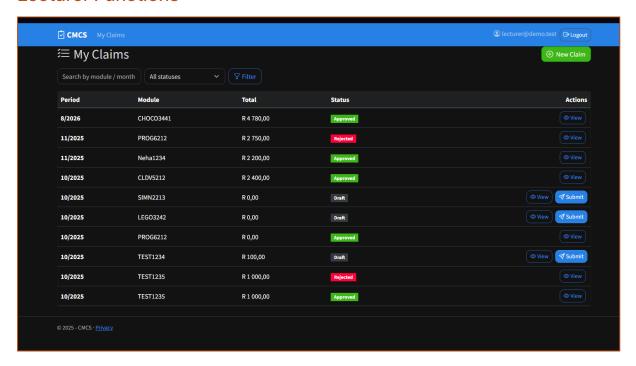
Notes on the feedback were taken and used to improve the program, namely the GUI is more appealing and user friendly as well as certain systems being more stable and easier to understand and having clear communication in their functions. Although it may not be perfect it is an improvement upon Part 1s iteration.

## **System Functions**

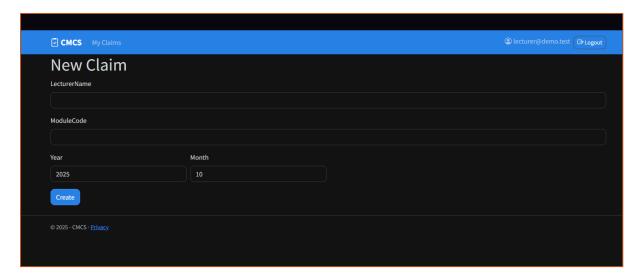
At the beginning there is a login for each account. Each account has its role to play within the system and if one wants to access another account or function, they will need to log out, then log into the other account.

Dummy emails were used in the video for demonstration purposes.

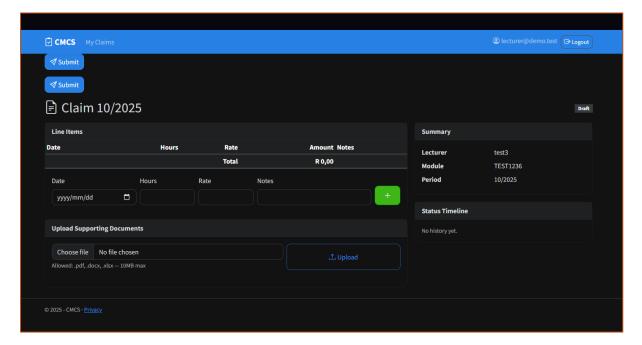
#### **Lecturer Functions**



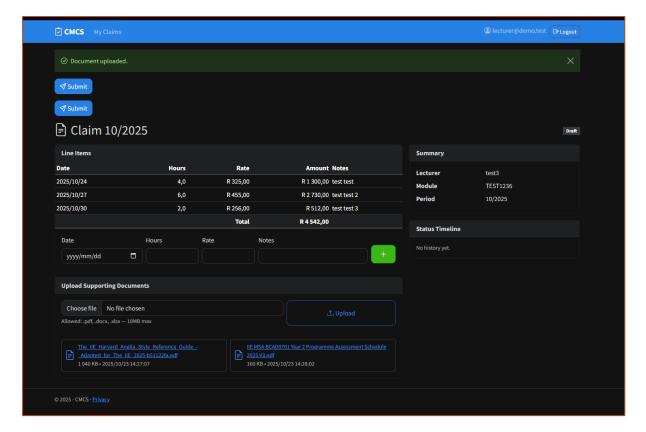
• Once the lecturer has logged in, they are greeted all current claims that have been submitted as well as their status. They can create a new claim by selecting new claim in the upper right corner of the screen.



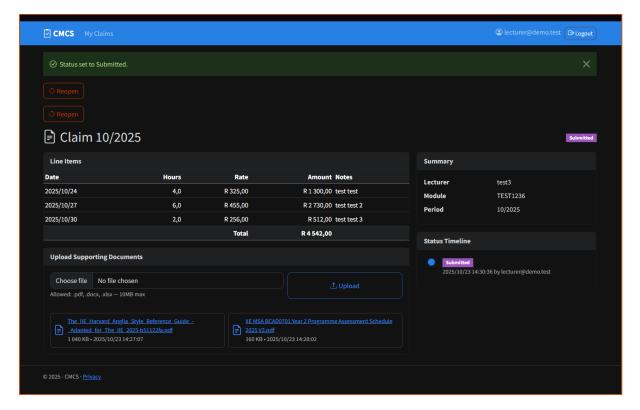
• Once they have decided to create a new claim, they are prompted to enter their name and module as well as the month and year that the claim is being created.

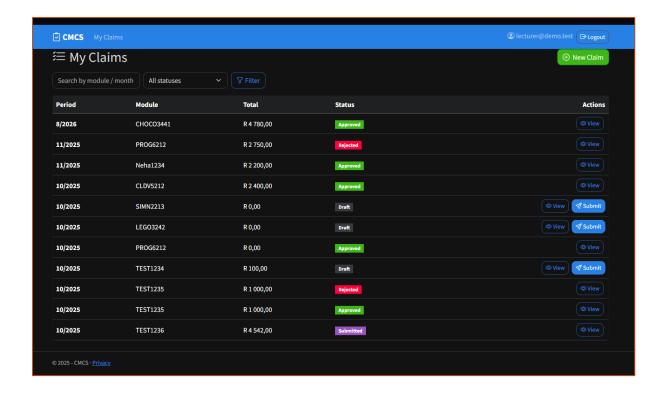


Once that is done, they can enter a new line entry for the day they worked, the
hours worked within that day, their hourly wage as well as any notes they would
like to add to their claim. They can do this as many times as they need as each
entry is saved and they also have the ability to add supporting documentation to
their claims as a form of validation.



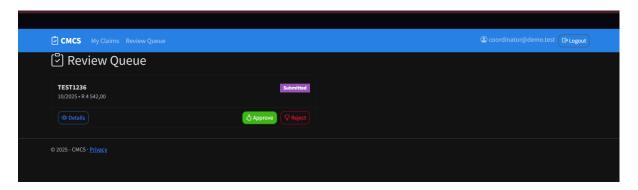
• Once everything is entered, they can click to submit their claim to have it reviewed whilst still retaining the ability to reopen their claim for any additions they'd like to add.



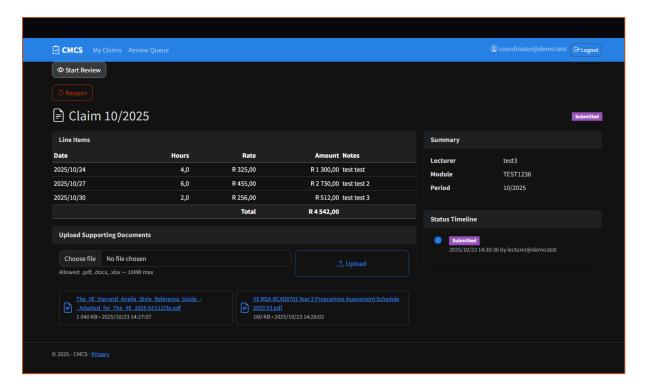


## **Programme Coordinator Functions**

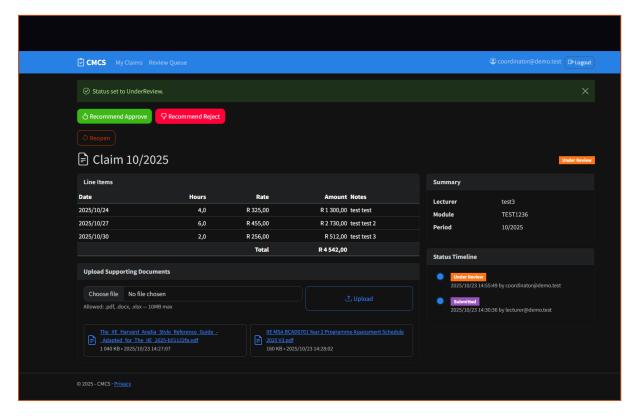
The programme coordinator can look at any claim that has been submitted and decide whether to review it in the review queue tab that is only accessible to them and the manager. Once the claim is under review they may approve or reject the claim. They retain access to see the details of the claim.



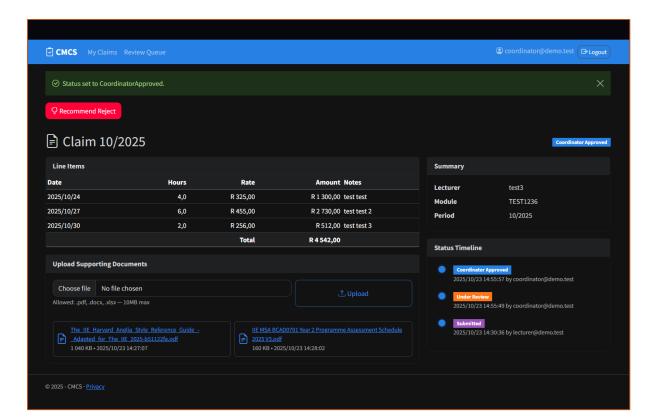
 As stated earlier they can either look at the details of the claim or just approve or reject the claim immediately, any decision they make is reflected in the status history of the claim.



• If they chose to look at the details they will ee the option to start the review process. The reopen option is looked out to them as that is exclusive to the Lecturer who created the claim.



• Once under review, they can recommend approving or rejecting the claim to the manager and any decision made is reflected in the status history of the claim.

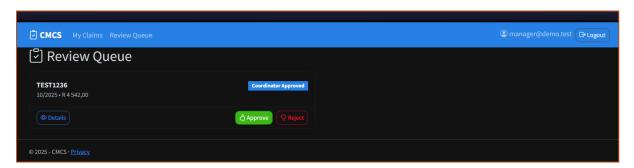


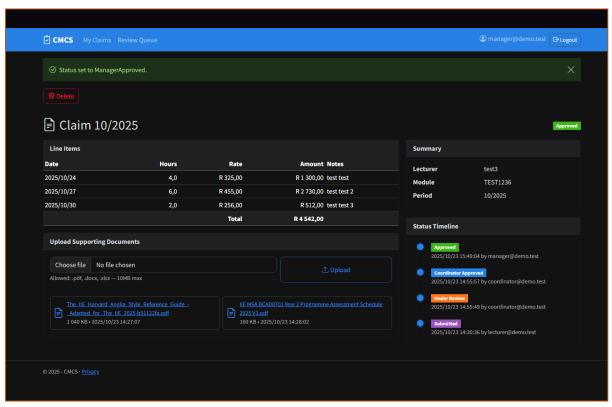
• All updates are recorded and reflected.

### **Manager Functions**

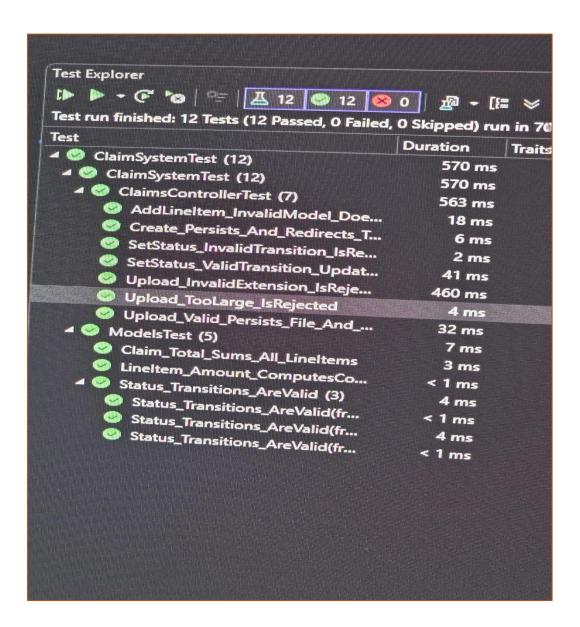
The manager acts as the final approval authority for any claim, they have the option to either take the recommendation that the coordinator has left or decide entirely on their own. As a safety measure decisions cannot be made without the claim being tagged as under review as to ensure security.

They also have the ability to delete any claims within the system.





### **Unit Test**



• This photo was taken from my phone as a proper screenshot of the unit tests was corrupted when my PC crashed.

## GitHub

Screenshots of commits.

