Programming Assignment 1

POE PART 1  
PROG6212

DISD0601

PART 1

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Indroduction  
  
The Contract Monthly Claim System will be used to manage, process and track the claims made by the lecturers. Part 1 will include why the specific design, database structure, GUI Layout were chosen. The Assumptions, Constraints and planning that came with the choices of designing the CMCS.  
  
  
Design Choices  
WPF is user intuitive, it supports modern UIs, uses XAML, it allows for much easier design buttons and adjustment to styles layouts. It allows you to see the all the changes being made making it easier to maintain, because the XAML UI and the C# code is separate from each other allowing functionality to be added later (Microsoft, 2025).  
  
The colours chosen is vibrant and aesthetically pleasing to the eye, and the layout is designed for efficient accessibility, allowing lecturers to monitor the status of their claims in the same window, claims are submitted ensuring its efficient and hassle free. The coordinator and manager window has approval or rejection buttons next to the claims making it easier and quicker for them to review claims. Role window to allow user to choose their window (Figma, 2025).  
  
Gui Layout  
1. Role selection – lecturer, Coordinator, Manager (Replaces login system to make it neat for part 1).  
2. Lecturer Dashboard – Submission of Claim, Upload supporting documents, Claim status  
3. Coordinator - View and Approve or reject Claims  
4. Manager – View and Approve or reject Claims