COMP4 Coursework Feedback and Marking

	Draft Mark	Final Mark
Design (12 Marks)	3	6

Overall
Most sections provide enough detail for a feasible design. Some sections require further work to provide evidence for further marks.

Complexity

Layout
Strengths
•
Areas requiring improvement
•

1. Overall System Design

1.1 Short description of the main parts of the system
Strengths
• Reasonable overview provided (page 37-38)
Areas requiring improvement
•

1.2 System flowcharts showing an overview of the complete system
Strengths
• System flowchart is generally appropriate (page 38-44)
Areas requiring improvement
•

2. User Interface Designs

2.1
Strengths
• Some UI screens (page 44) with annotation
Areas requiring improvement
•

3. Hardware Specification

3.1
Strengths
• Indication provided (page 46)
Areas requiring improvement
• Specifications are quite vague (page 46) – more specifics needed

4. Program Structure

4.1 Top-down design structure charts
Strengths
• Diagram provided (page 46)
Areas requiring improvement
• Not fully converted to structure chart

4.2 Algorithms in pseudo-code for each data transformation process
Strengths
•
Areas requiring improvement
• These algorithms are not interesting (page 46-47) • Indentation? • Focus on algorithms for data transformation

4.3 Object Diagrams
Strengths
• Diagram appears appropriate (page 48)
Areas requiring improvement
•

4.4 Class definitions
Strengths
• Clear indication (page 49-50)
Areas requiring improvement
•

5. Prototyping

5.1 Consideration of impact on design and development
Strengths
• Some relevant comments (page 50-51)
Areas requiring improvement
•

6. Definition of Data Requirements

6.1 Identification of all data input items
Strengths
•
Areas requiring improvement
• These are not individual data items (page 51)

6.2 Identification of all data output items
Strengths
• Indication given (page 51-52)
Areas requiring improvement
•

6.3 Explanation of how data output items are generated
Strengths
• Some explanation provided (page 52)
Areas requiring improvement
•

6.4 Data dictionary
Strengths
• Indication provided (page 53-56)
Areas requiring improvement
•

6.5 Identification of appropriate storage media
Strengths
• Indication given (page 56)
Areas requiring improvement
•

7. Database Design

7.1.1 Normalisation (ER Diagrams)
Strengths
• Diagram provided (page 56)
Areas requiring improvement
•

7.1.2 Normalisation (UNF to 3NF)
Strengths
• Entity descriptions provided (page 57)
Areas requiring improvement
•

7.2 SQL Queries
Strengths
• Limited indication given (page 58-59)
Areas requiring improvement
•

8. Security and Integrity of the System and Data

8.1 Security and Integrity of Data
Strengths
• Some relevant remarks (page 59-60)
Areas requiring improvement
•

8.2 System Security
Strengths
• Indication given (page 60)
Areas requiring improvement
•

9. Validation

9.1
Strengths
•
Areas requiring improvement
• Limited indication (page 60)
• Layout is not appropriate

10. Testing

10.1 Outline Plan
Strengths
• Indication of outline plan provided (page 60)
Areas requiring improvement
• The justification is not always clear for the choice of testing type – black box/white box etc.

10.2 Detailed Plan
Strengths
• Some indication (page 61-64)
Areas requiring improvement
• Formatting is not appropriate
• Section is incomplete