

COMP4 Coursework Feedback and Marking

Design (12 Marks)	Draft Mark	Final Mark
	10	11

Overall
Database design is effective. Most areas are reported on in appropriate level of detail.

Complexity

Layout
Strengths
•
Areas requiring improvement
•

1. Overall System Design

1.1 Short description of the main parts of the system
Strengths
• Clear overview (page 26-27)
Areas requiring improvement
•

1.2 System flowcharts showing an overview of the complete system
Strengths
• Appropriate flow chart (page 28-30)
Areas requiring improvement
•

2. User Interface Designs

2.1
Strengths
• Clear evidence of flow of control (page 31)
• Range of UI designs with clear annotations (page 31-52)
Areas requiring improvement
•

3. Hardware Specification

3.1
Strengths
• Limited indication given (page 53)
Areas requiring improvement
•

4. Program Structure

4.1 Top-down design structure charts
Strengths
<ul style="list-style-type: none">• Clear hierarchy chart (page 54-56)
Areas requiring improvement
<ul style="list-style-type: none">•

4.2 Algorithms in pseudo-code for each data transformation process
Strengths
<ul style="list-style-type: none">• Some indication (page 57-58)
Areas requiring improvement
<ul style="list-style-type: none">•

4.3 Object Diagrams
Strengths
<ul style="list-style-type: none">• Generally appropriate diagram (page 59)
Areas requiring improvement
<ul style="list-style-type: none">•

4.4 Class definitions
Strengths
<ul style="list-style-type: none">• Clear indication given (page 60)
Areas requiring improvement
<ul style="list-style-type: none">•

5. Prototyping

5.1 Consideration of impact on design and development
Strengths
<ul style="list-style-type: none">• Some relevant comments (page 61-64)
Areas requiring improvement
<ul style="list-style-type: none">•

6. Definition of Data Requirements

6.1 Identification of all data input items
Strengths
<ul style="list-style-type: none">• Items listed (page 65)
Areas requiring improvement
<ul style="list-style-type: none">•

6.2 Identification of all data output items
Strengths
<ul style="list-style-type: none"> Items listed (page 65-66)
Areas requiring improvement
<ul style="list-style-type: none">

6.3 Explanation of how data output items are generated
Strengths
<ul style="list-style-type: none"> Clear indication (page 66)
Areas requiring improvement
<ul style="list-style-type: none">

6.4 Data dictionary
Strengths
<ul style="list-style-type: none"> Included (page 67-69)
Areas requiring improvement
<ul style="list-style-type: none">

6.5 Identification of appropriate storage media
Strengths
<ul style="list-style-type: none"> Some indication given (page 69)
Areas requiring improvement
<ul style="list-style-type: none">

7. Database Design

7.1.1 Normalisation (ER Diagrams)
Strengths
<ul style="list-style-type: none"> Diagram appears appropriate (page 70)
Areas requiring improvement
<ul style="list-style-type: none">

7.1.2 Normalisation (UNF to 3NF)
Strengths
<ul style="list-style-type: none"> Entity descriptions (page 73)
Areas requiring improvement
<ul style="list-style-type: none">

7.2 SQL Queries
Strengths
<ul style="list-style-type: none"> Some relevant examples (page 73-74)
Areas requiring improvement
<ul style="list-style-type: none">

8. Security and Integrity of the System and Data

8.1 Security and Integrity of Data
Strengths
<ul style="list-style-type: none">• Some relevant comments (page 74)
Areas requiring improvement
<ul style="list-style-type: none">•

8.2 System Security
Strengths
<ul style="list-style-type: none">• Appropriate comments made (page 74)
Areas requiring improvement
<ul style="list-style-type: none">•

9. Validation

9.1
Strengths
<ul style="list-style-type: none">• Clear table (page 75)
Areas requiring improvement
<ul style="list-style-type: none">•

10. Testing

10.1 Outline Plan
Strengths
<ul style="list-style-type: none">• Clear indication (page 76)
Areas requiring improvement
<ul style="list-style-type: none">• Justifications need work

10.2 Detailed Plan
Strengths
<ul style="list-style-type: none">• Range of sample tests (page 77-89)
Areas requiring improvement
<ul style="list-style-type: none">•