

Name:
Candidate Number:
Centre Number: 22151

COMP4 Coursework Feedback and Marking

Analysis (12 Marks)	Draft Mark	Final Mark
	6	10

Overall
Evidence of a generally well-structured investigation covering most system requirements. Most end user needs appear to have been met. Some SMART objectives but more could be found. Some sections have minor errors and/or could be more detailed in explanations/descriptions.

Complexity
Opportunities to create user defined algorithms to manipulate data from database Use of sophisticated language features to connect, store and update databases Possible use of OOP methods Use of appropriate normalised data models Use of SQL statements with dynamic parameters

Layout
Strengths
<ul style="list-style-type: none">Layout is fine
Areas requiring improvement
<ul style="list-style-type: none">Page numbers on right

1. Introduction

1.1 Client Identification
Strengths
<ul style="list-style-type: none">Clear client identification (page 2)
Areas requiring improvement
<ul style="list-style-type: none">

1.2 Definition of Current System
Strengths
<ul style="list-style-type: none">Clear definition (page 2)
Areas requiring improvement
<ul style="list-style-type: none">

1.3 Description of Problems
Strengths
<ul style="list-style-type: none">Some problems given (page 2-3)
Areas requiring improvement
<ul style="list-style-type: none">Any more?

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2. Investigation/2.1 The Current System

2.1.1 Data sources and destinations
Strengths
<ul style="list-style-type: none">• Indication of sources/destinations and relevant data (page 6)
Areas requiring improvement
<ul style="list-style-type: none">• Data items such be more finely grained

2.1.2 Algorithms
Strengths
<ul style="list-style-type: none">• Some indication given (page 7-8)
Areas requiring improvement
<ul style="list-style-type: none">•

2.1.3 DFDs (current system) where relevant
Strengths
<ul style="list-style-type: none">• Indication of DFDs (page 9-10)
Areas requiring improvement
<ul style="list-style-type: none">• Use correct symbol for data store

2.1.4 Input Forms, Output forms, Report Formats
Strengths
<ul style="list-style-type: none">• Indication given (page 11-14) with some annotation
Areas requiring improvement
<ul style="list-style-type: none">•

2. Investigation/2.2 The Proposed System

2.2.1 Data sources and destinations
Strengths
<ul style="list-style-type: none">• Clear table provided (page 15)
Areas requiring improvement
<ul style="list-style-type: none">•

2.2.2 DFDs (proposed system) where relevant
Strengths
<ul style="list-style-type: none">• Indication given (page 16-18)
Areas requiring improvement
<ul style="list-style-type: none">• Use correct data store symbol

2.2.3 Data Dictionary
Strengths
<ul style="list-style-type: none">• Clear data dictionary (page 18-19)
Areas requiring improvement
<ul style="list-style-type: none">• Further data items?

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2.2.4 Volumetrics

Strengths

- Some indication (page 19) with reference to interview with client

Areas requiring improvement

-

3. Objectives

3.1 General Objectives

Strengths

- Some general objectives (page 19) with SMART features

Areas requiring improvement

- There are further objectives here

3.2 Specific Objectives

Strengths

- Some specifics given (page 19-20)

Areas requiring improvement

- Further objectives

3.3 Core Objectives

Strengths

-

Areas requiring improvement

- These should be the specific objectives that you MUST complete (page 20)

3.4 Other Objectives

Strengths

-

Areas requiring improvement

- These should be the specific objectives that you COULD complete (page 20)

4. E-R Diagrams and Descriptions

4.1 E-R Diagram

Strengths

-

Areas requiring improvement

- Is the relationship really between an engineer and the customer or is it just with appointment? (page 20)

4.2 Entity Descriptions

Strengths

- Notation is correct (page 21)

Areas requiring improvement

- As section 4.1

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5. Object Analysis

5.1 Object Listing
Strengths
<ul style="list-style-type: none">Some objects listed (page 21)
Areas requiring improvement
<ul style="list-style-type: none">

5.2 Relationship Diagrams
Strengths
<ul style="list-style-type: none">Diagram is appropriate (page 21)
Areas requiring improvement
<ul style="list-style-type: none">Arrows in inheritance relationship are wrong way round

5.3 Class Definitions
Strengths
<ul style="list-style-type: none">Class definitions are appropriate (page 22)
Areas requiring improvement
<ul style="list-style-type: none">

6. Other Abstractions

6.1 Graphs
Strengths
<ul style="list-style-type: none">
Areas requiring improvement
<ul style="list-style-type: none">Section not included

7. Constraints

7.1 Hardware
Strengths
<ul style="list-style-type: none">Limited remarks relating to screen resolution (page 23)
Areas requiring improvement
<ul style="list-style-type: none">

7.2 Software
Strengths
<ul style="list-style-type: none">Clear statement made (page 23)
Areas requiring improvement
<ul style="list-style-type: none">

7.3 Time
Strengths
<ul style="list-style-type: none">Deadline given (page 203)
Areas requiring improvement
<ul style="list-style-type: none">

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7.4 User knowledge
Strengths
<ul style="list-style-type: none"> Reasonable indication given (page 23)
Areas requiring improvement
<ul style="list-style-type: none">

7.5 Access Restrictions
Strengths
<ul style="list-style-type: none"> Clear statement made (page 23)
Areas requiring improvement
<ul style="list-style-type: none">

8. Limitations

8.1 Areas which will not be included in computerisation
Strengths
<ul style="list-style-type: none"> Indication made (page 23)
Areas requiring improvement
<ul style="list-style-type: none">

8.2 Areas considered for future computerisation
Strengths
<ul style="list-style-type: none"> Indication given (page 23)
Areas requiring improvement
<ul style="list-style-type: none">

9. Solutions

9.1 Alternative Solutions
Strengths
<ul style="list-style-type: none"> Some indication given (page 24-25)
Areas requiring improvement
<ul style="list-style-type: none">

9.2 Justification of Chosen Solution
Strengths
<ul style="list-style-type: none"> Some justification given (page 25)
Areas requiring improvement
<ul style="list-style-type: none">