Analysis

COMP4 Coursework Feedback and Marking

There are **12 marks** available for this section.

Name	Candidate No.	Centre No.	Draft Mark	Final Mark
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Overall Comments

Most areas conbsidered but there's signs of confusion about how the system should be described. Objectives need to be SMART too to bring this into a higher category; currently too few of them are clear enough. Errors in data structure need resolving.

Layout

Strengths	
Appropriate sections	
Weaknesses	
Spaces before/after diagrams	

Introduction

Client Identification

Strengths	
Identifies client	
Weaknesses	
works 'outside'? Explain term sooner	
IT familiarity of client?	

Definition of Current System

Strengths	
Clear summary of system	
Weaknesses	

Description of Problem

Strengths	
Clear statement of basic problems provided	
Weaknesses	
Are these only problems? Lost orders, incorrect totals? Passing information to kitchen? Other problems referred to in interview	

Section appendix

Strengths	
Evidence provided	
Weaknesses	

Investigation (The Current System)

Data sources and destinations

Strengths	
Some sources and data identified	
Weaknesses	
Divide data more clearly - drinks and food referred to as separately recorded earlier	
Break down data for generating invoice	
Table data?	
Check all data is actually recorded (e.g. prices on order pad?)	
Dates, times?	
Input forms show other data recorded	

Algorithms

Strengths	
Basic algorithms identified	
Weaknesses	
Calculation of invoice, including getting prices	

DFDs (where relevant)

Strengths	
DFD attempted	
Weaknesses	
Check that this is clear and data flows in correct pattern (e.g. customer gets data from menu)	
May be better to separate processes of placing order and invoice generation	

Input Forms, Output Forms, Report Formats

Strengths	
Input and output forms shown	
Weaknesses	
Any other inputs or outputs?	

Investigation (The Proposed System)

Data sources and destinations

Strengths	
Main sources/destinations identified	
Weaknesses	
Needs example of data	
Other data sources - menu items and data needed for these	

DFDs (where relevant)

Strengths	
DFD attempted	
Weaknesses	
Check that this is clear and data flows in correct pattern (e.g. customer gets data from menu)	
May be better to separate processes of placing order and invoice generation	
Clarify where differences will be on the DFD	
Fig 1.6 - check flows	
Customer not on Fig 1.6	

Data Dictionary

Strengths	
Most data included	
Weaknesses	
Give validation criteria	

Volumetrics

Strengths	
Overall calculation attempted	
Weaknesses	
Character cannot be one bit	
Why reference to images, not included previously? Include estimates of size for images too	

Objectives

General Objectives

Strengths	
Some identified	
Weaknesses	
More objectives, and main purpose of system?	

Specific Objectives

Strengths	
Some identified	
Weaknesses	
Need to be more precise for SMART objectives	

Core Objectives

Strengths	
Some attempt	
Weaknesses	
Not really objectives	
Need to be more precise for SMART objectives	

Other Objectives

Strengths	
Some attempt	
Weaknesses	
Not really objectives	
Need to be more precise for SMART objectives	

ER Diagrams and Descriptions

ER Diagram

Strengths	
ERD attempted	
Weaknesses	
What data will be recorded about Customer?	

Entity Descriptions

Strengths	
Descriptions attempted	
Weaknesses	
You need to be clear on what is stored where	

Object Analysis

Object Listing

Strengths	

Some main objects listed	
Weaknesses	

Relationship Diagrams

Strengths	
Clear diagram included	
Weaknesses	
Menu is aggregation	

Class Definitions

Strengths	
Listing of several objects	
Weaknesses	
Edit methods?	
Inheritance can only occur with subclasses. Clarify the structure	

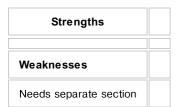# Graphs (and Other Abstractions)

Graphs

Strengths	
Weaknesses	

Constraints

Hardware

Strengths	
Clear statement	
Weaknesses	
Other limitations?	

Software

Strengths	
Weaknesses	
Needs separate section	

Time

Strengths	

Weaknesses	
Give specific dates	

User Knowledge

Strengths	
Basic statement	
Weaknesses	

Access Restrictions

Strengths	
Clear statement	
Weaknesses	
Customer access?	

Limitations

Areas which will not be included in computerisation

Strengths	
Clear statement	
Weaknesses	
Payments?	

Areas considered for future computerisation

Strengths	
Weaknesses	
This should refer to how it can be improved after your system has been developed	

Solutions

Alternative Solutions

Strengths	
Some consideration	
Weaknesses	
Other forms of possible solution could be considered	
More specific details could be used to evaluate ideas	

Justification of Chosen Solution

Strengths	

Basic statement	
Weaknesses	
Several of the comments could refer to any computerised system	