

# Practical Test Analysis of Systems Requirements - 1904789

*by* Emma Williams

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**Student ID Number:** 1904789

**Programme:** B.Sc. Computing Portfolio

**Module:** Information Engineering

**Module Code:** ACCB4013

**Assignment Title:** Practical test Analysis of Systems Requirements

Image 1 is a context level diagram of the Celtic Catering Financial System

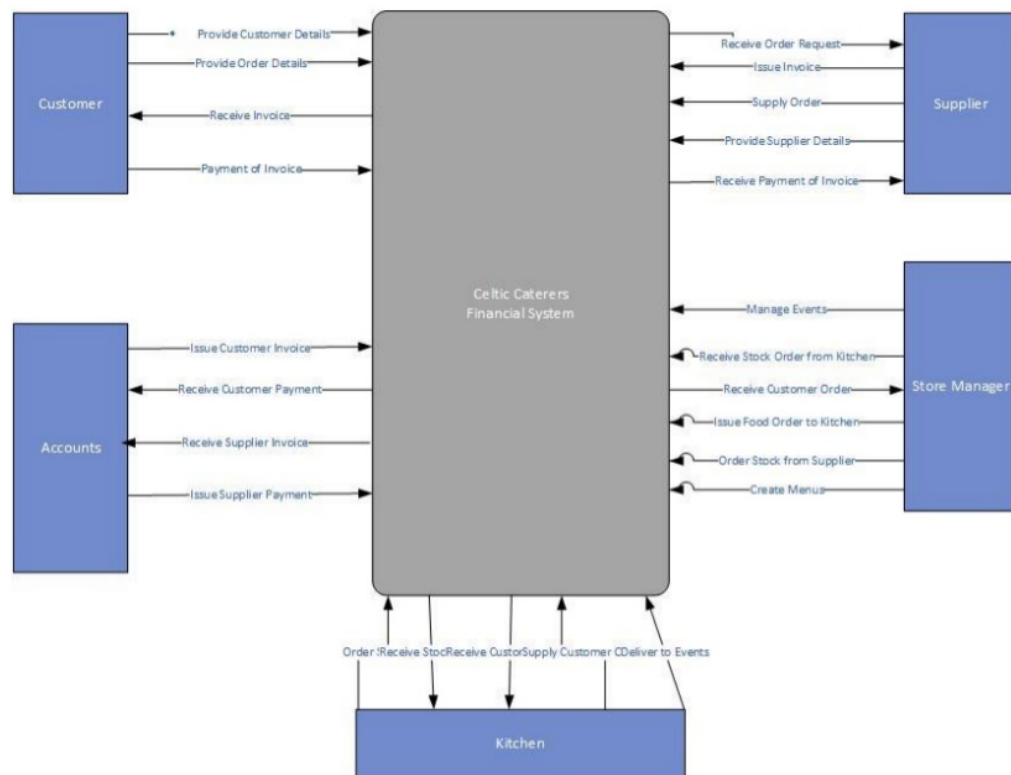


Image 2 is the Level 0 DFD of the Celtic Catering Financial System Processes

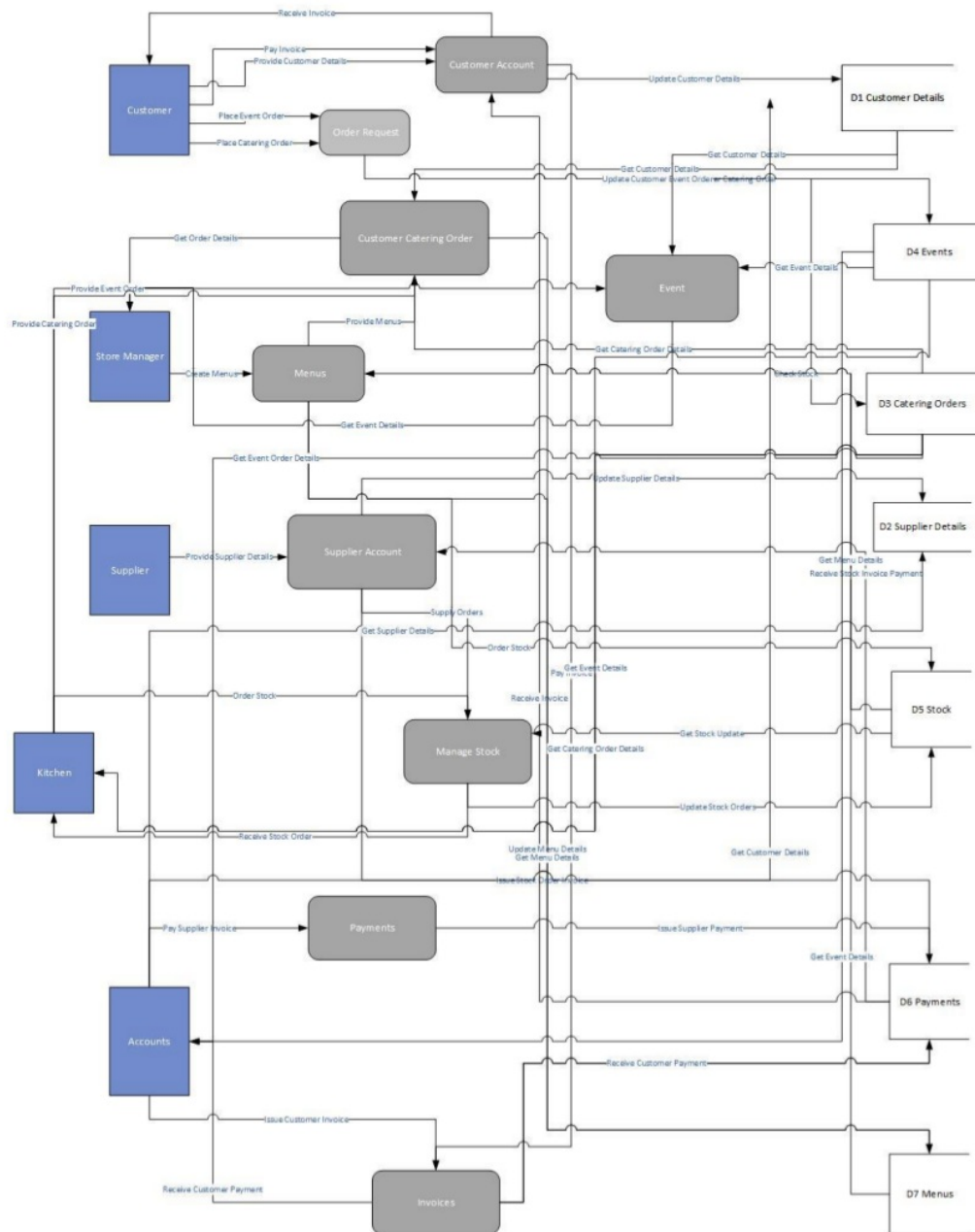


Image 3 is the Level 1 DFD of the Celtic Catering Financial System, focusing on the Event Process

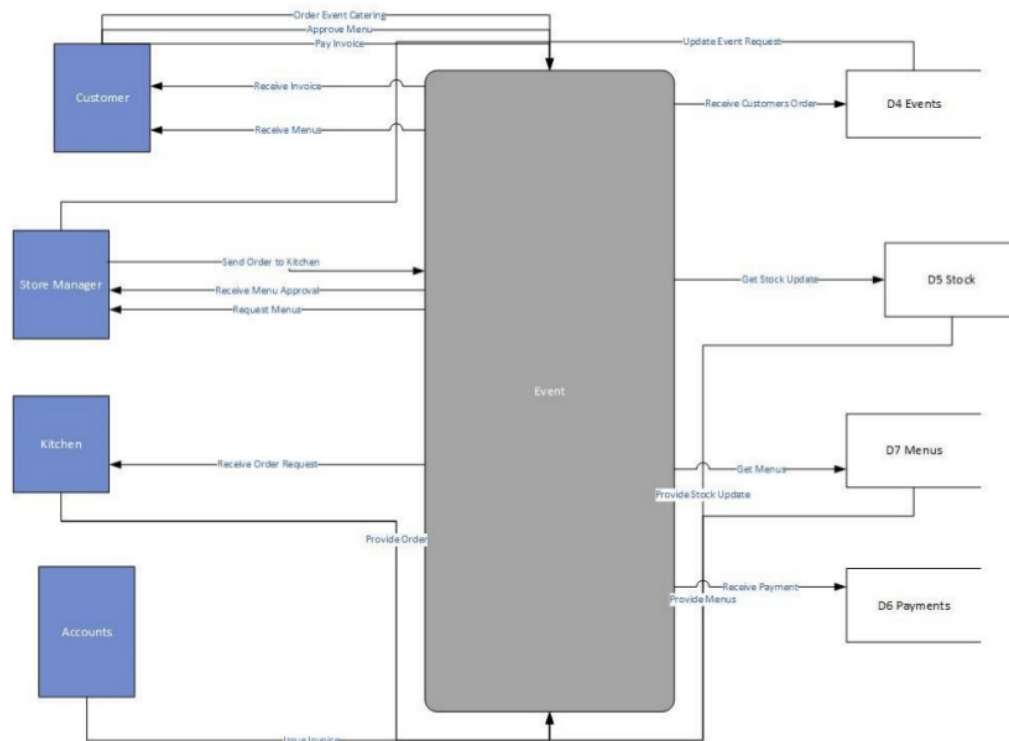
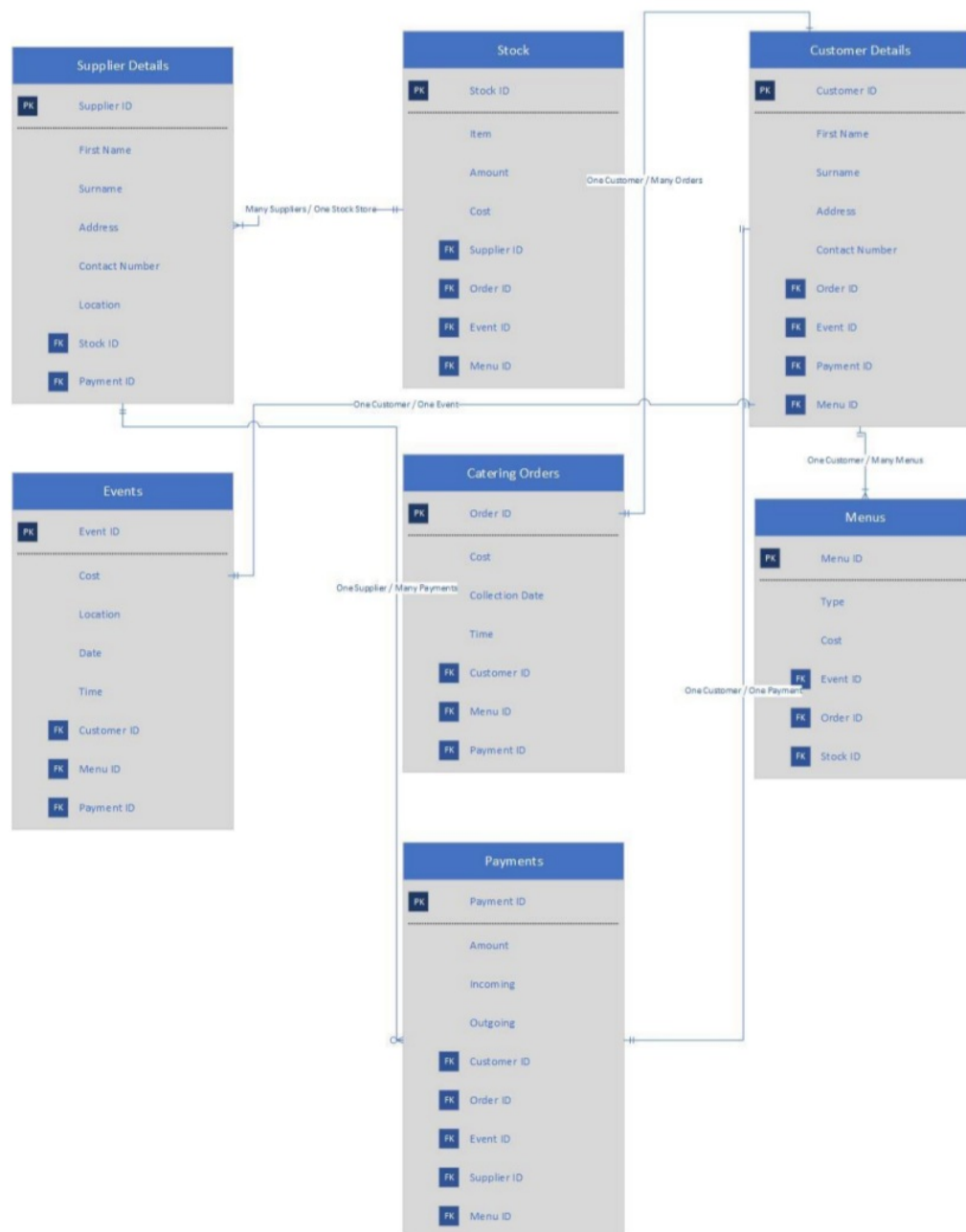


Image 4 is the ERD of the Financial System



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## GRADEMARK REPORT

### FINAL GRADE

63/100

### GENERAL COMMENTS

#### Instructor

A clear and well-presented context diagram with easy to follow layout. You have identified 6 interfaces all work well and you have clear and well analysed data flow lines in and out of the system. Colour works well and enhances readability.

Your level 0 DFD is a very detailed diagram – try to separate the dataflow line as sometimes it was difficult to read. You have identified 7 datastores and 8 processes we usually try to have 7 or less in the level 0 also remember to number them.

For a level 1 DFD you are meant to split one process into several component parts although you have thought about the interfaces and the datastores you only have one process.

In your ERD you have provided well designed tables and attributes. Try to think about how they would link together, we normally get a FK field from a parent table.

You demonstrate a good understanding of the system design requirement but revisit the level 1 DFD rules.

| K and U        |    |    |   | Analysis |    | PA | SPP |       |
|----------------|----|----|---|----------|----|----|-----|-------|
| Design methods |    |    |   |          |    |    |     |       |
| 10             | 10 | 10 | 5 | 20       | 20 | 20 | 5   | total |
| 9              | 7  | 6  | 2 | 14       | 10 | 12 | 3   | 63    |

