

Exam - Dawid Trochim 1900457

by Dawid Trochim

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EXAM – DAWID TROCHIM

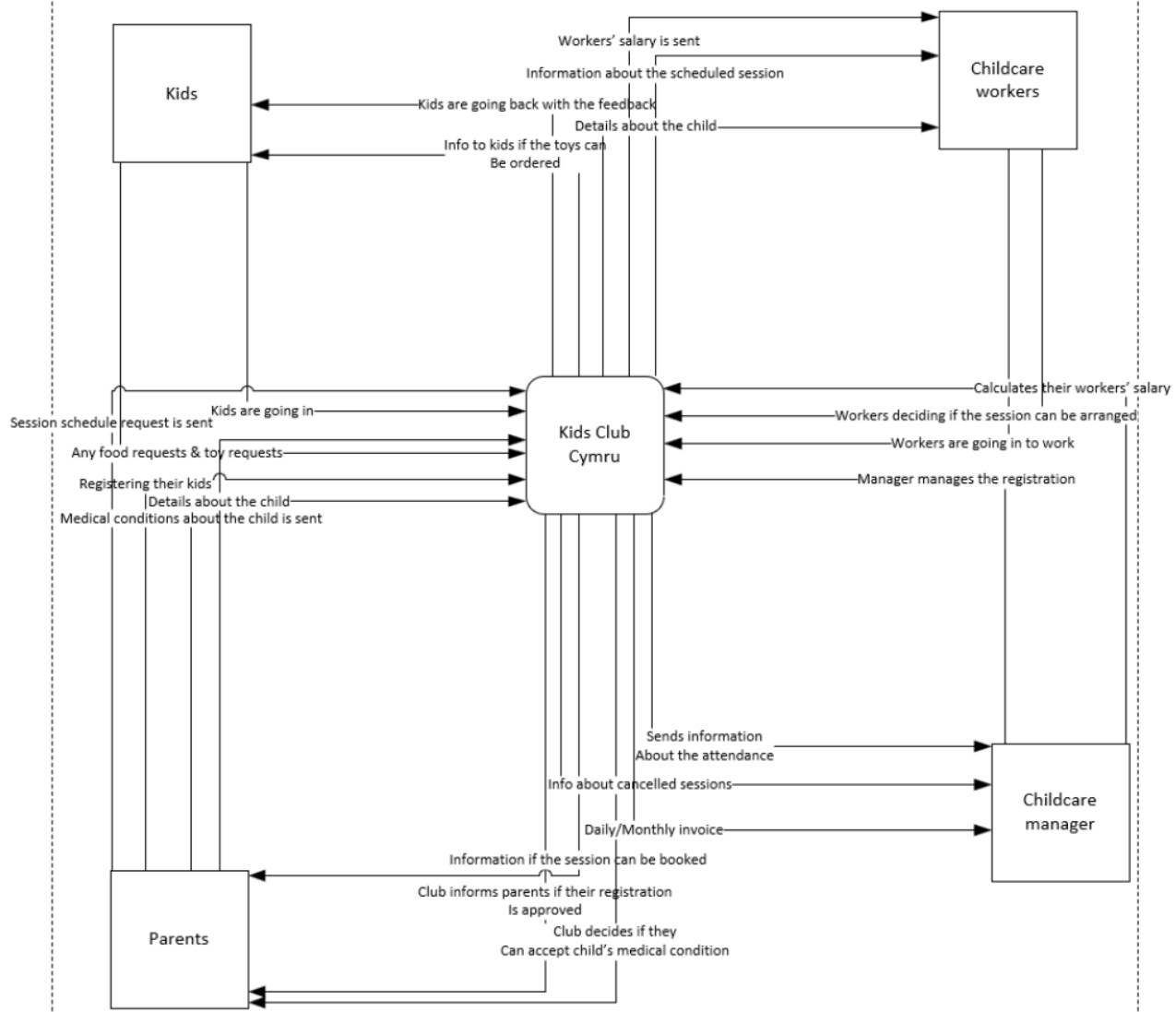
1900457

Information Engineering



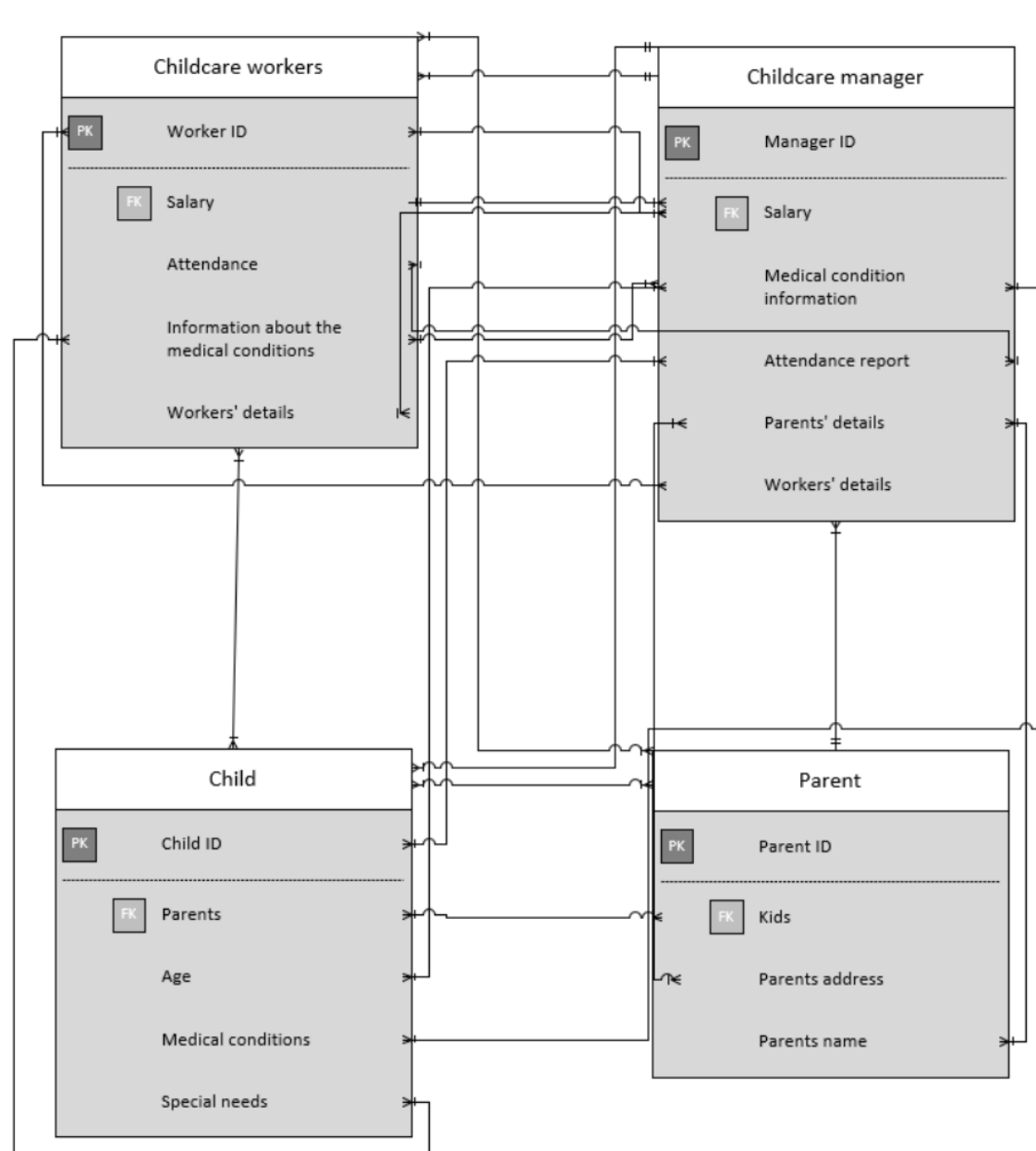
JANUARY 14, 2020
UNIVERSITY OF WALES TRINITY SAINT DAVID

Context Diagram



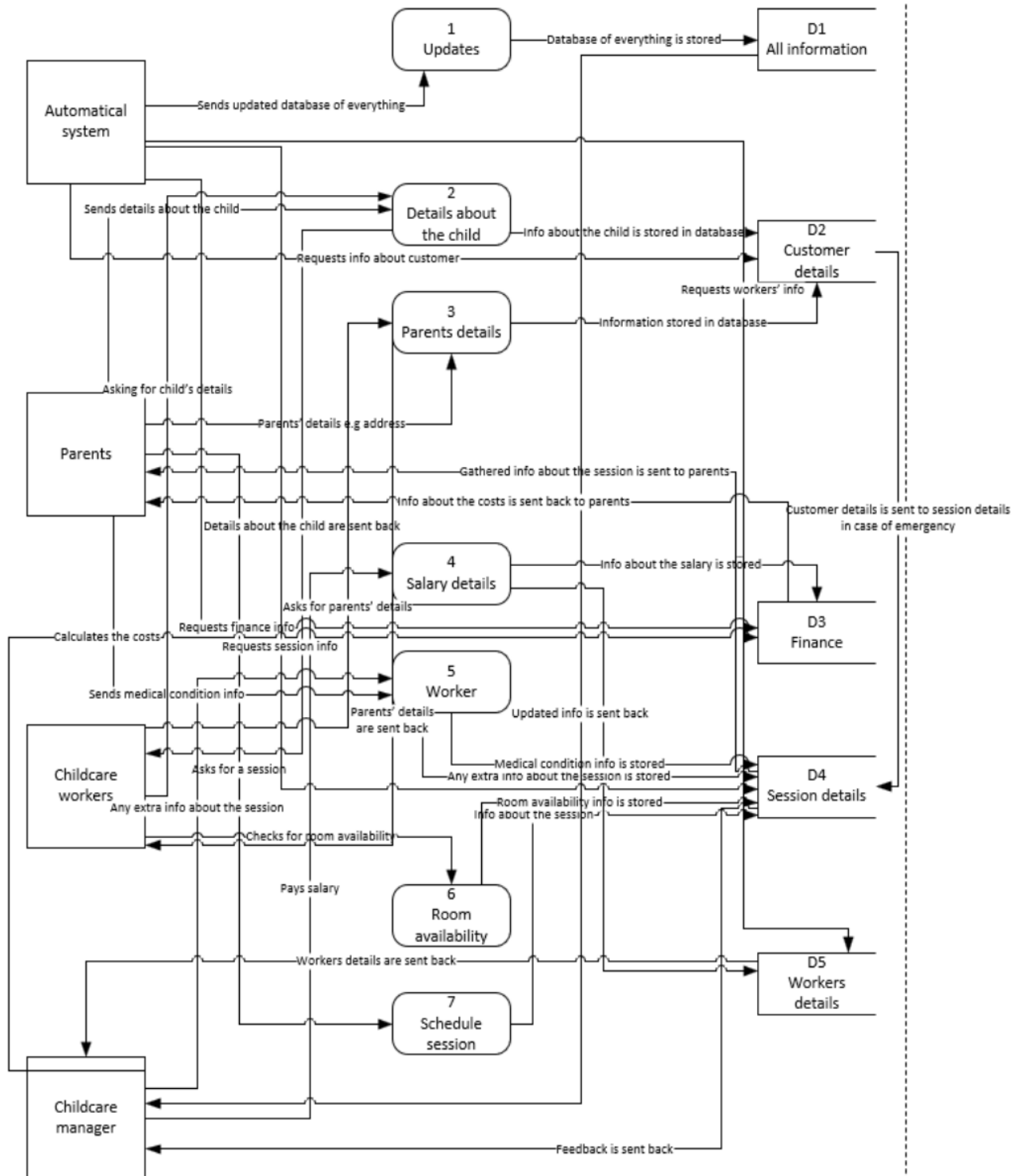
Here is my context diagram showing the fundamentals of Kids Club Cymru

ERD Diagram



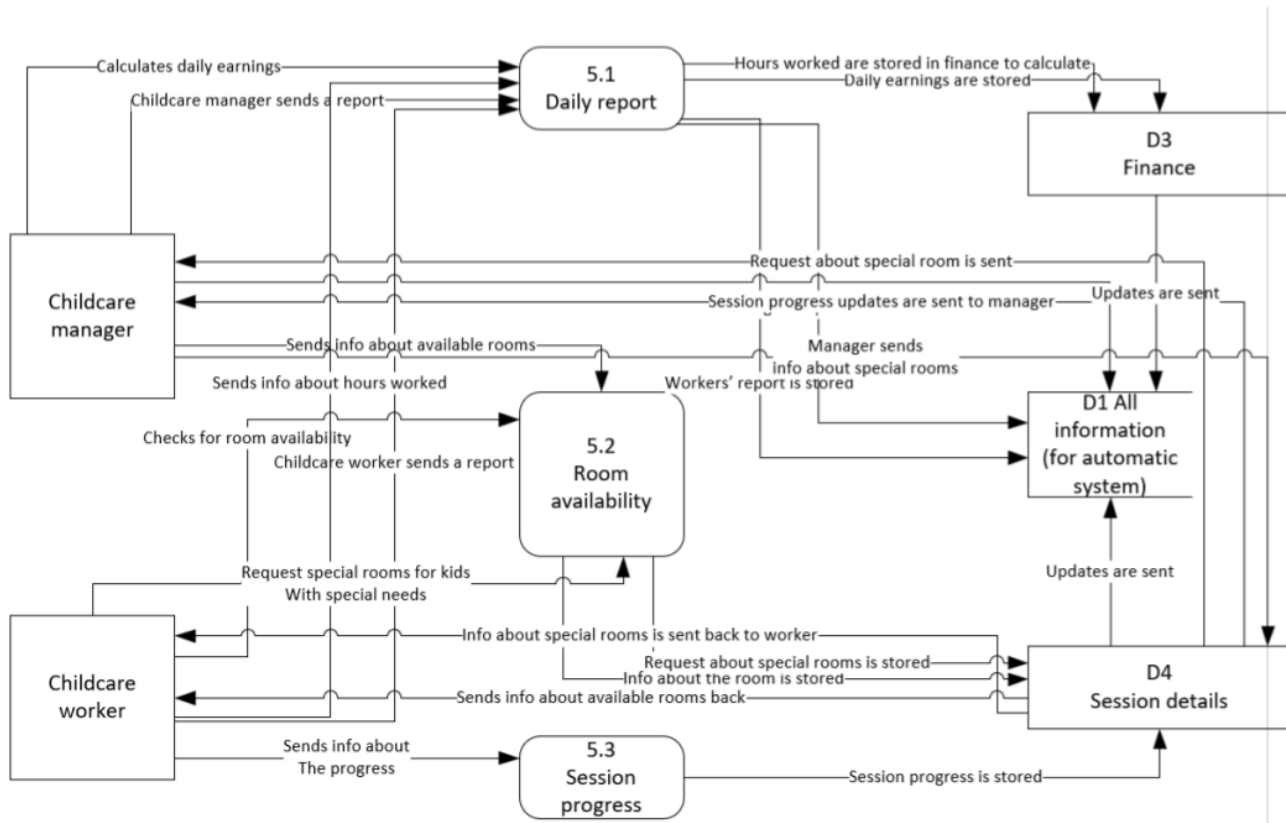
Here is my ERD Diagram showing all the connections and relationships between fields and entities

DFD Level 0 Diagram



The diagram above shows my Level 0 DFD Diagram

DFD Level 1 Diagram



This diagram shows my DFD Level 1 Diagram.

FINAL GRADE

72/100

GENERAL COMMENTS

Instructor

You have presented a well-designed context level diagram. You have thought about the systems requirements and demonstrate a sound understanding with some clearly labelled data flow lines. You have appropriately selected suitable user interface and provided detailed analysis on your dataflow lines. However, we would not provide an interface for the kids (children) as the parents as the prime user.

A suitably clear and well-presented level 0 DFD. Here do not have a reference to the child interface. I am not sure of the meaning if the first interface. However, you have some good design features and you have identified suitable data stores.

For your level 2 DFD you have suitably analysed the 5th process again you provide a comprehensive level of detail using appropriate interface and datastores.

A somewhat simplistic ERD with only four entities you would need to introduce more to enable the database to function correctly. You need to work on this area more.

That said, you have used Visio well to present your analysis of the system.

K and U				Analysis		PA	SPP	
Design methods								
10	10	10	5	20	20	20	5	total
8	7	7	4	16	14	12	4	72

