

Christine Woods Information Engineering 15.01.18

by Christine Woods

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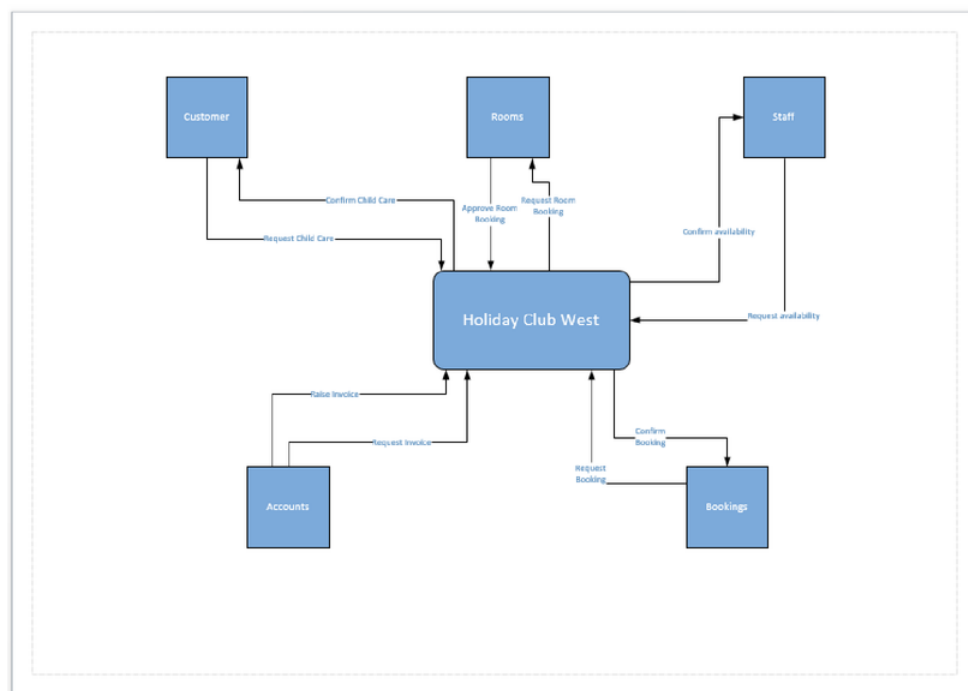
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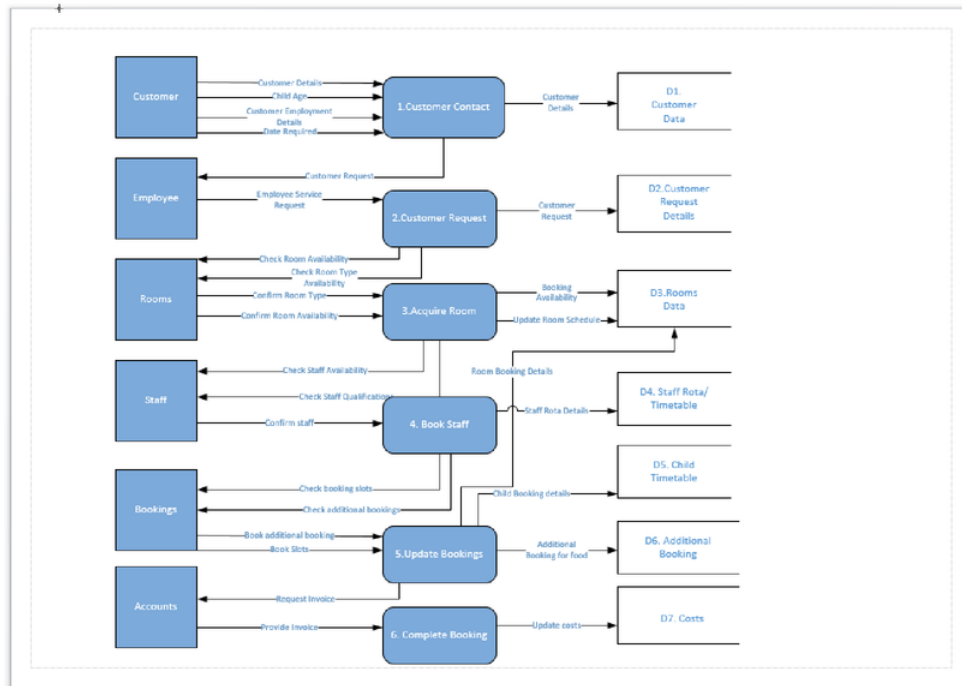
Information Engineering

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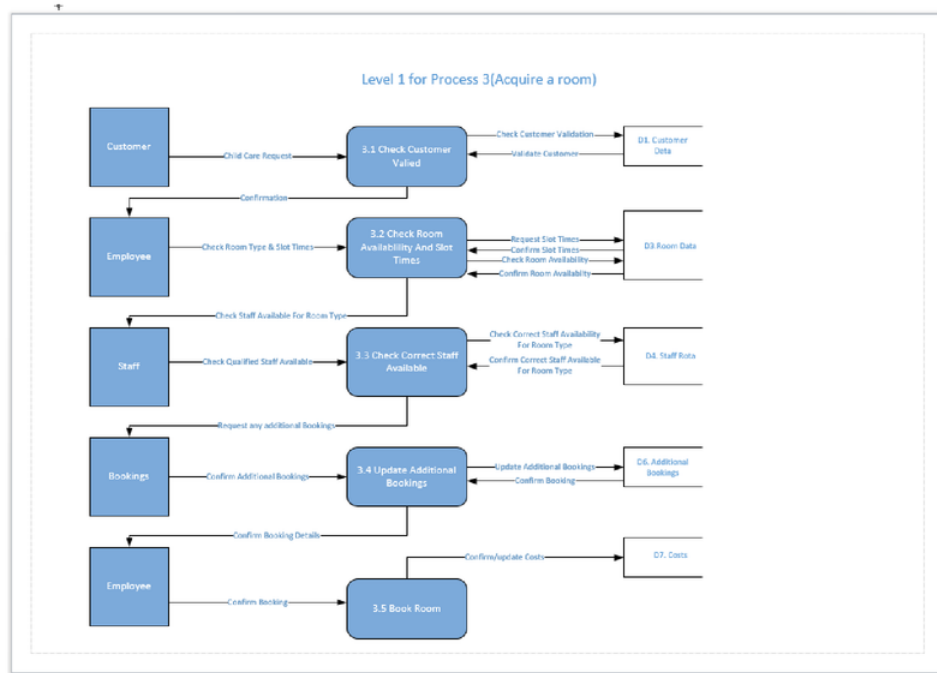
Entity Diagram for Holiday Club West



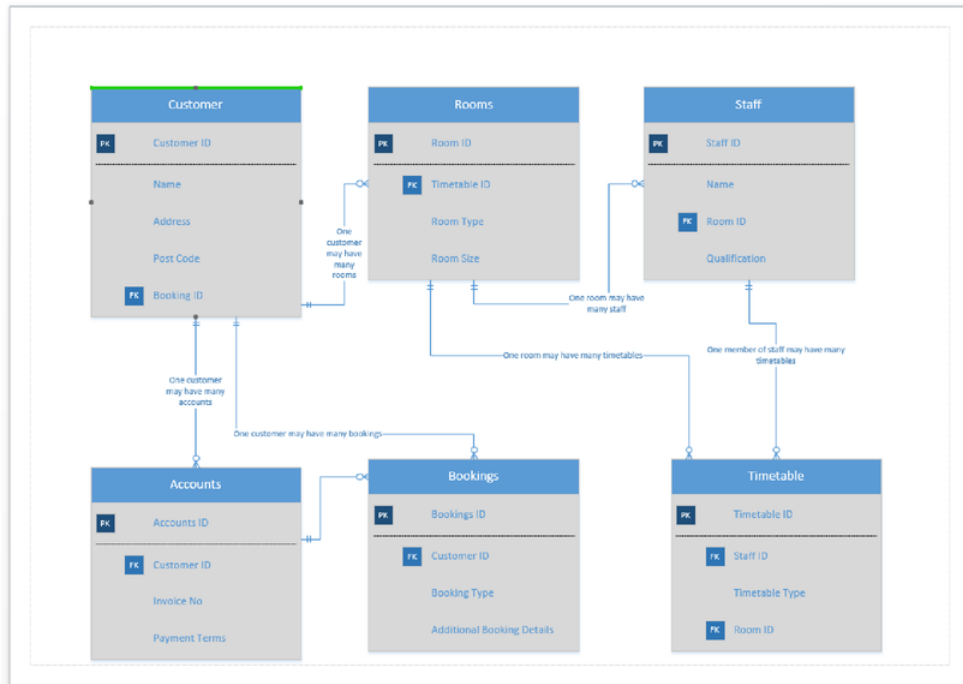
Level 0 diagram for Holiday Club West



Level 1 diagram (Process 3 of Level 0 diagram) – Acquiring a room for Holiday Club West



Entity Relationship Diagram for Holiday Club West



FINAL GRADE

62/100

GENERAL COMMENTS

Instructor

A suitable somewhat brief context level diagram I do feel you would have more dataflow lines moving in and out of the process from each of your identified interfaces where you put accounts and bookings as an interface do you mean a member of staff for example a booking clerk otherwise they would represent a process.

Your level 0 DFD has been constructed well and you will analyse the overall system using the systems analysis technique demonstrating a sound understanding of the process. However each process sends information into your data store but none of your data store send data back out into the subsequent process. In the dataflow diagram the data is meant to flow from one process to the other and the process indicates the change of state on that data store.

In your level one DFD chosen process 3 to expand this has been done to suitable level however we would not have so many interfaces taken into the level one DFD for example you have employee staff and bookings. If the bookings interface was correctly labelled as booking clerk this makes sense but have an employee and staff member would not work as too many people would be trying to interfere with one database in the system you have a however correctly sent data back in for from the data stores.

In your entity relationship diagram you have identified the customer is this a parent if so perhaps a better name would be parent. You then state that one customer has many rooms would this be true the customer may have many children and the children may be booked into many rooms but on your entity relationship diagram you have not identified the child as an entity is a fundamental part of the design.

Because your Lincoln staff to the timetable and start the bookings duplication data here is an entity relationship diagram much like the dataflow diagram think about how elements move between one dataset and another little bit more work needed in your entity relationship diagram.

KU Design methods				Analysis	PA	SPP	
5	10	10	10				

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