

Information Engineering Assessment

by Runa Bibi

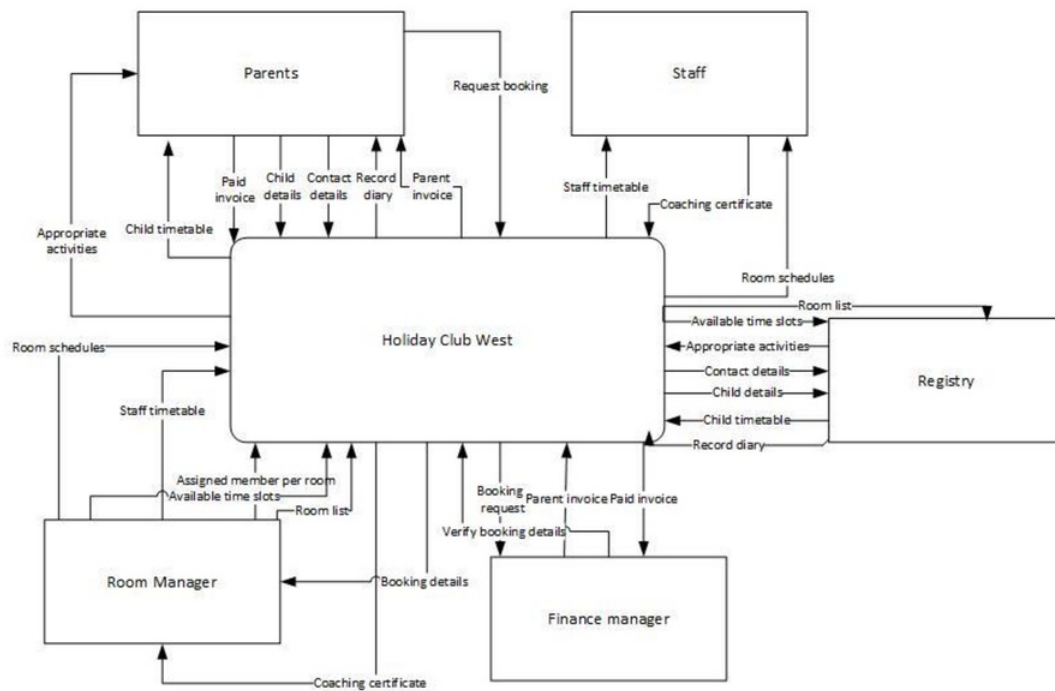
FILE	4054_RUNA_BIBI_INFORMATION_ENGINEERING_ASSESSMENT_94287_1 670959008.DOCX (333.8K)		
TIME SUBMITTED	15-JAN-2018 05:51PM (UTC+0000)	WORD COUNT	30
SUBMISSION ID	81804922	CHARACTER COUNT	134

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Information Engineering

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This is my context level diagram.

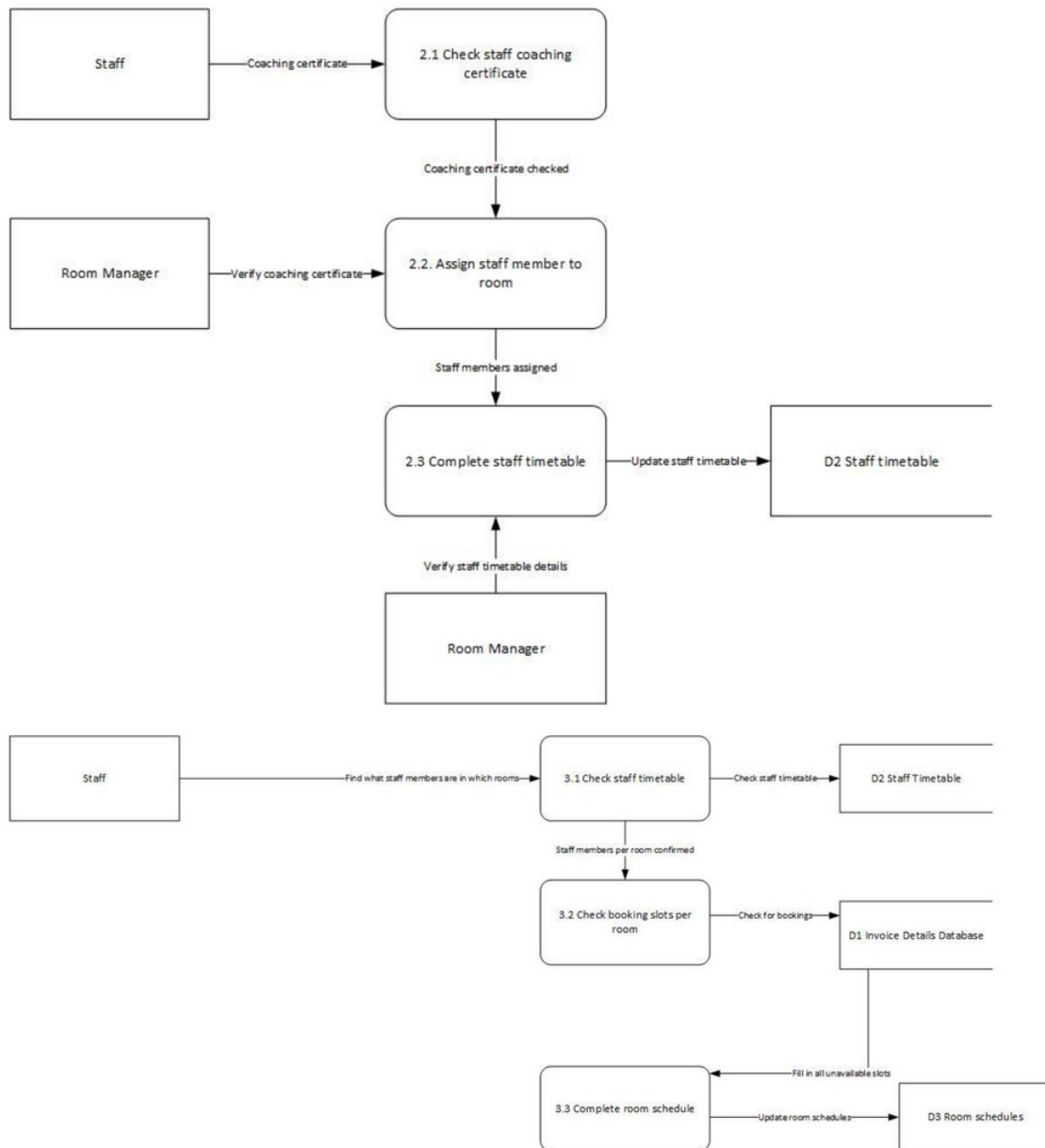


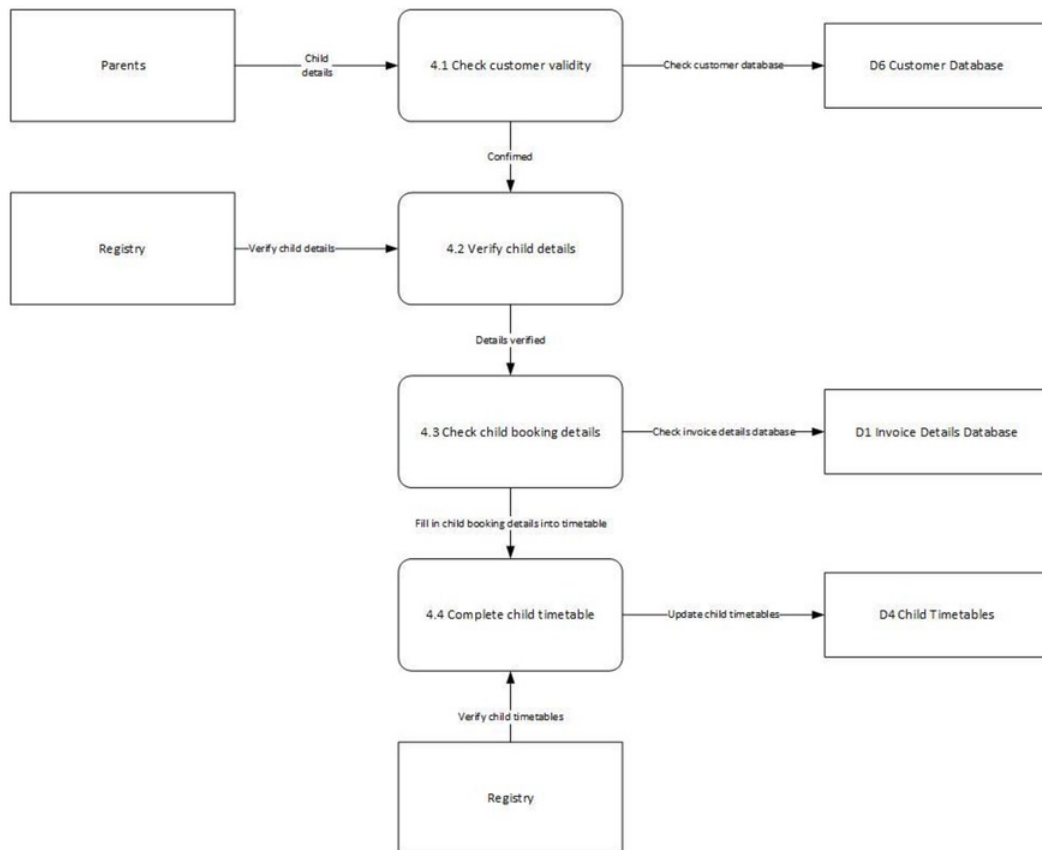
This is my Level 0 DFD diagram.



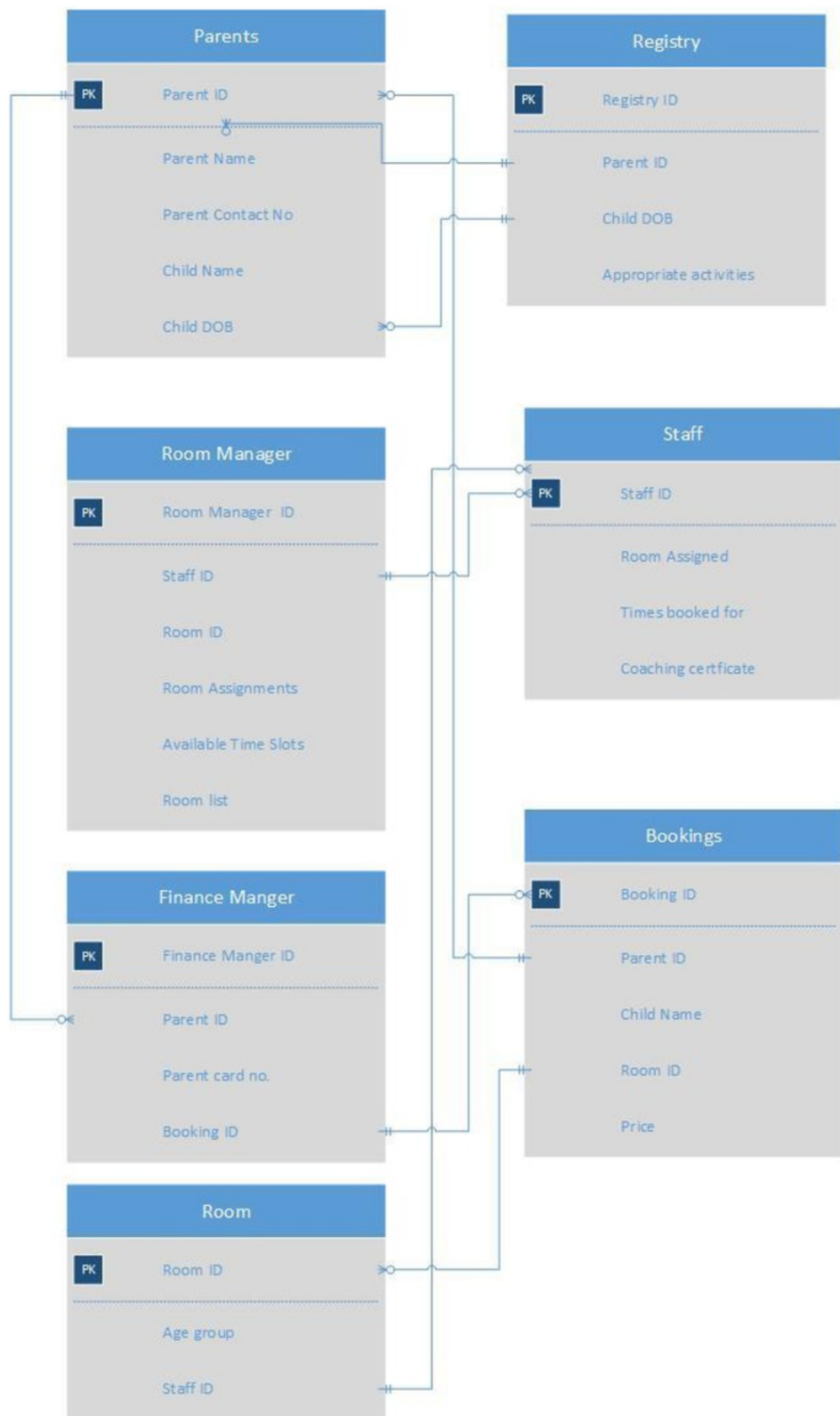
This is my Level 1 DFD diagram.







This is my ERD diagram.



Information Engineering Assessment

GRADEMARK REPORT

FINAL GRADE

64/100

GENERAL COMMENTS

Instructor

You have presented a comprehensive and well-designed context level diagram all your interfaces are correctly identified and you have sent in an appropriate and well documented dataflow lines.

On your next level diagram your level 0 DFD although you have correctly translated all your interfaces across the diagram lacks flow. You have identified relevant processes and some lines flow however you then seem to block each process of with its relevant Datastore rather than allowing the Datastore to flow back into the next process and then back out to its respective interface. Many of the dataflow lines identified a new context level diagram have not been translated through to this next level and therefore the overall system design lacks in content.

What you have gone on to do is produce a level one DFD for each process this was not necessary if you read the question you asked to pick on one process only and present that level one DFD. You have probably lost valuable time because of this. However, each representation is correct and provides much insight into the systems design I have taken the first one we register the child and marked this for this assessment again provides a clear pattern of the interfaces and the dataflow lines in and out of the processes and relevant data stores have been represented.

On your entity relationship diagram you have related and used your relevant data stores to predict the entities but you need to think about the flow of data in and out each entity. For example why would the financial manager entity required parent ID and the booking ID within the attribute list. Similarly you have an entity called registry I do understand you wanted to register the child here why not call the entity child. Therefore one parent could register many children. Be mindful of the direction of the relationships and always try to put in an FK foreign key field again looking at the financial manager we have a primary key but no foreign key I think you wanted the parent ID to be foreign key however this would also be incorrect. Think about entities as singular representations of data and they were linked by their primary key to only one foreign key data duplication would occur in the system. Generally a good attempt

at all diagrams but you need to proof read work back through the diagrams to better present your analysis.

KU Design methods			Analysis	PA	SPP	
5	10	10				

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