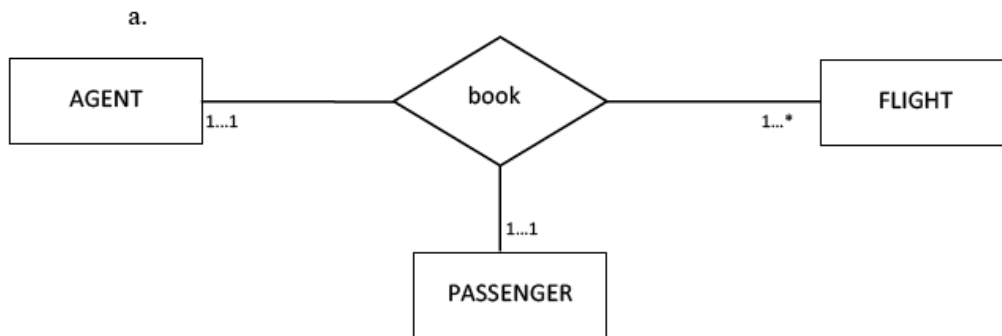


Name : Megat Irfan Zackry Bin Ismail

Matric No. : A20EC0205

Question 1

a) Write business rules for each Entity Relationship Diagram (ERD)



(2 marks)

b.



(3 marks)

1.1

a.

- One agent can book one passenger one or more flight. ✓

b.

- One doctor can treat one or more patient. ✓
- One patient can only stay in one ward. ✓
- One ward can have one or more patient stays in.

1.2

Question 2

- a) Identify **ALL** errors and correction on the entity relationship diagram (ERD) given in Figure 5.

Provide your answers in **Appendix 1** by:

- i. Circle the errors identified on the diagram.
- ii. For each error identified, correct them. Show your corrections either by redrawing the corrected diagram OR by describing how the errors should be corrected next to the circles that you have identified.

(5 Marks)

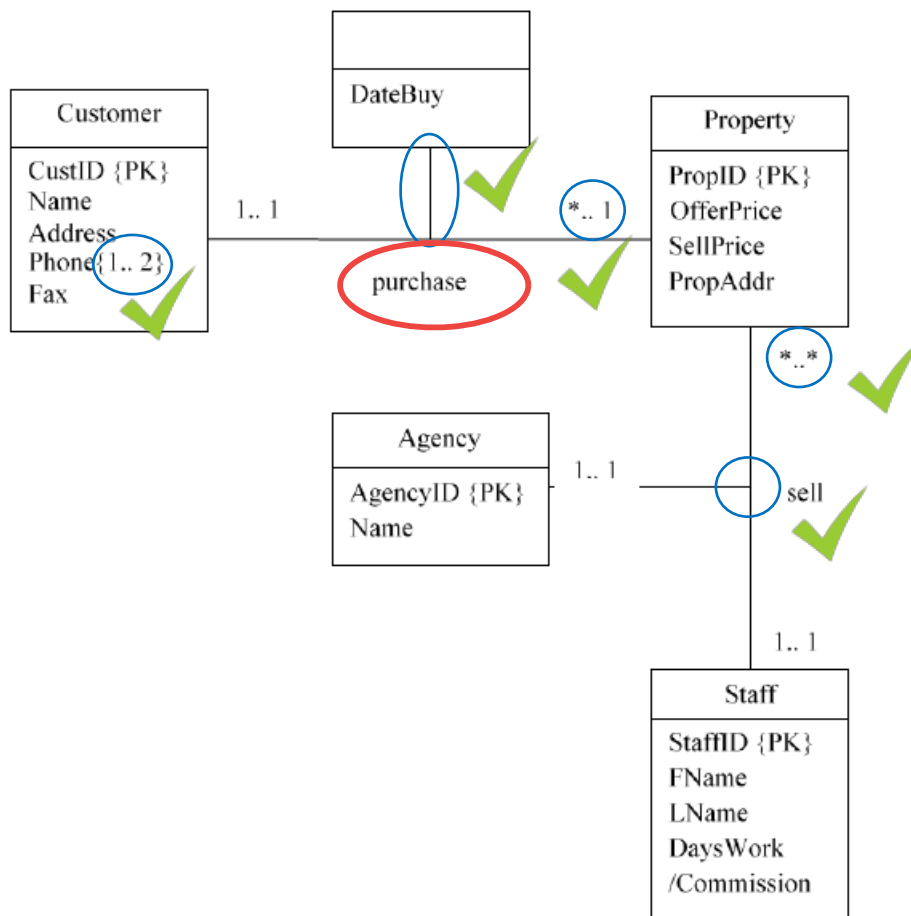



Figure 5: Conceptual ERD

Correction:

- () instead of {}
- Dotted line instead of straight line
- 1.. \* instead of \*.. 1
- 0.. \* instead of \*.. \*
- 



# Index of comments

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- 1.1 A more making sense is an agent book one or more flights for one passenger. But i believe you have the same idea, just on the text representation
- 1.2 for (b) it should covers both directions for both relationships. So far what you have is correct.