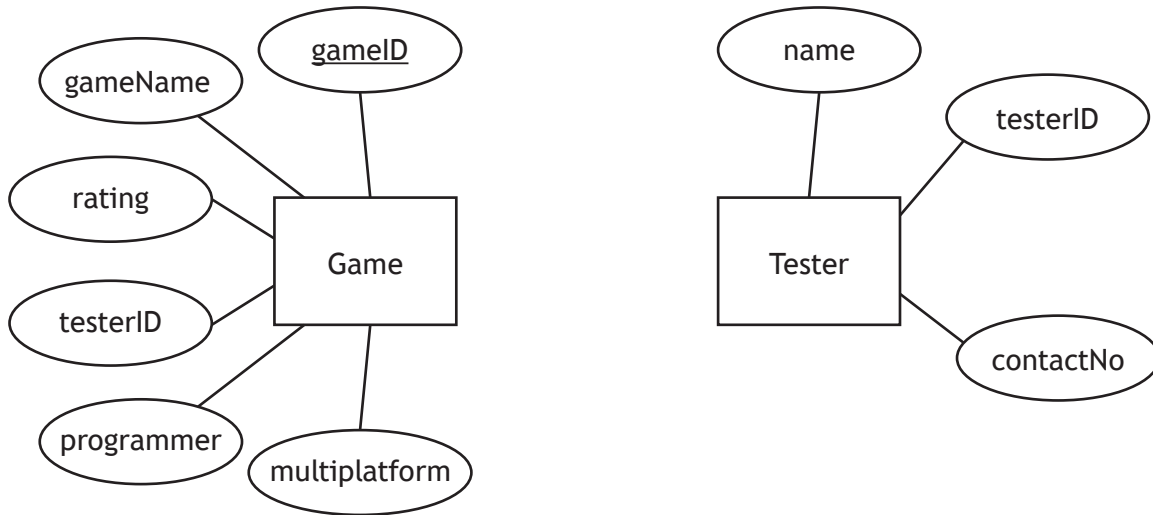


15. The Games Lab is a video game testing company that programmers can send games to for testing. Each game is allocated to a tester who works on several different games. Testers are based in three offices — Scotland, France and Australia — and only accept games rated 12A, 15 and 18.

(a) (i) Use the information provided to complete the entity-relationship diagram below by:

- identifying any additional key attributes
- drawing any missing attributes
- drawing the relationship between entities
- naming the relationship between the entities.

4



(ii) State the validation to be applied to the Rating attribute.

1



* X 8 1 6 7 5 0 1 1 8 *

15. (continued)

The `Game` table is implemented. Some of the data it currently stores is shown below.

Game					
gameID	gameName	programmer	rating	testerID	multiplatform
378B	World Away	CodeQueen	12A	EX2706	Yes
311H	Denta Deet	AbdurPSK	15	EX777	No
484D	Cupland	LindyLoo	12A	EX360	No
257P	Heat Wave	EMC2	15	EX277	Yes
183B	Water Rage	CodeQueen	15	EX987	Yes
021B	Bee-Hive	AcroGymGal	12A	EX120	Yes
782C	Combat45	AbdurPSK	12A	EX2706	No
...

The game ‘Water Rage’ has been reclassified as an 18 rating. The following SQL statement was implemented to make this change.

```
UPDATE Game
SET rating = "18"
WHERE programmer = "CodeQueen"
```

(b) Explain why the SQL statement above would give an unexpected result.

1

(c) Rewrite the SQL statement to give the expected result.

1