IFB105 – Database Design

ASSIGNMENT 2A

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Tutor

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IFB105 Database Management

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Submission checklist

- If you worked with a partner, please make sure both of your names and students numbers are on the cover page.
- Provide your schema on page 3 and your rmap on page 4.
- Please note Yes/No in the attempted column in the below tables.

		Attempted? (yes/no)
Task 1	**Marks allocated (/40)**	
Layout (steps 1-6)	3	Yes
Fact types (step 2)	12	Yes
Derived fact types (step 3)	3	Yes
Constraints (steps 4, 5, 6)	16	Yes
Subtyping (step 6)	6	Yes

		Attempted? (yes/no)
Task 2	**Marks allocated (/20)**	
Layout	1	Yes
Correct schemes	10	Yes
Uniqueness constraints	3	Yes
Nullable columns	1	Yes
Subset constraints	3	Yes
Value constraints	1	Yes
Annotations	1	Yes

Task 1

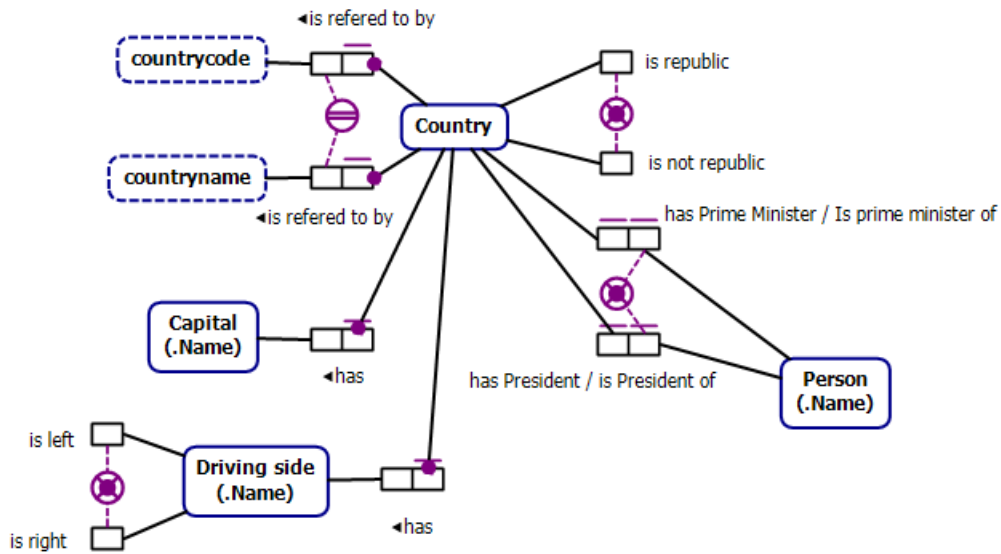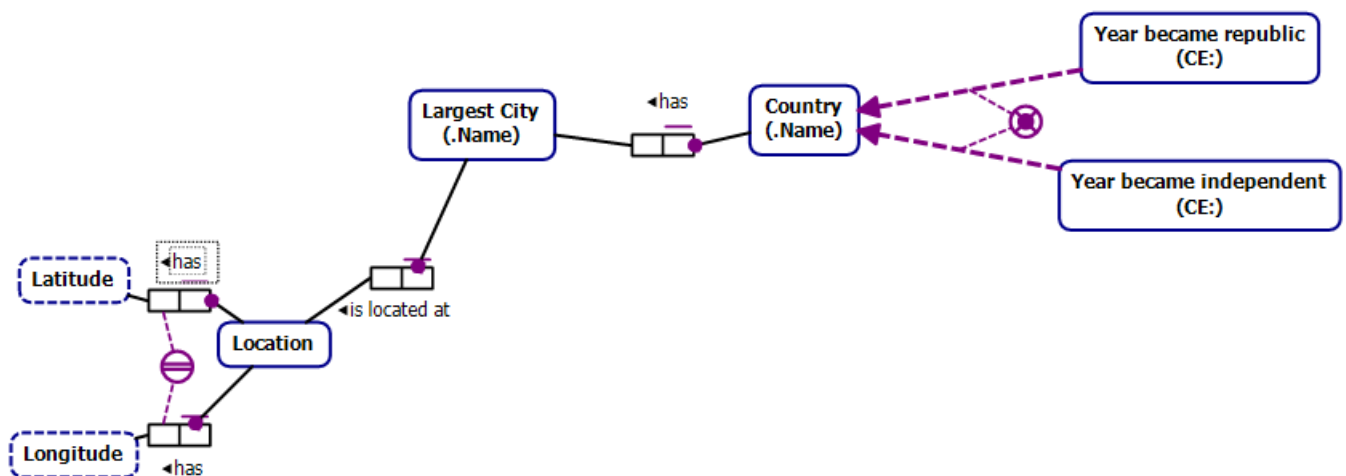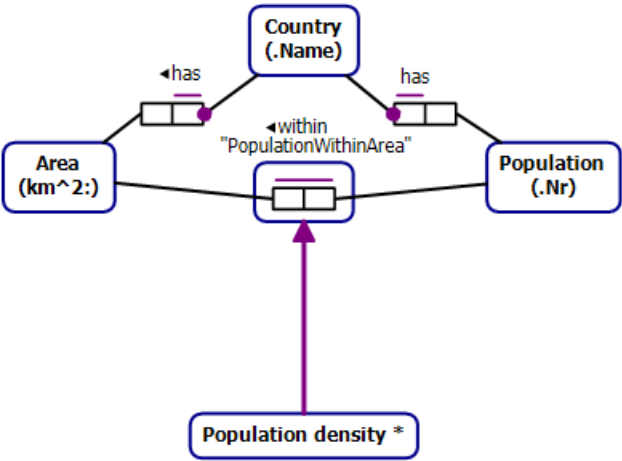The ORM conceptual schema for the UoD is shown below.
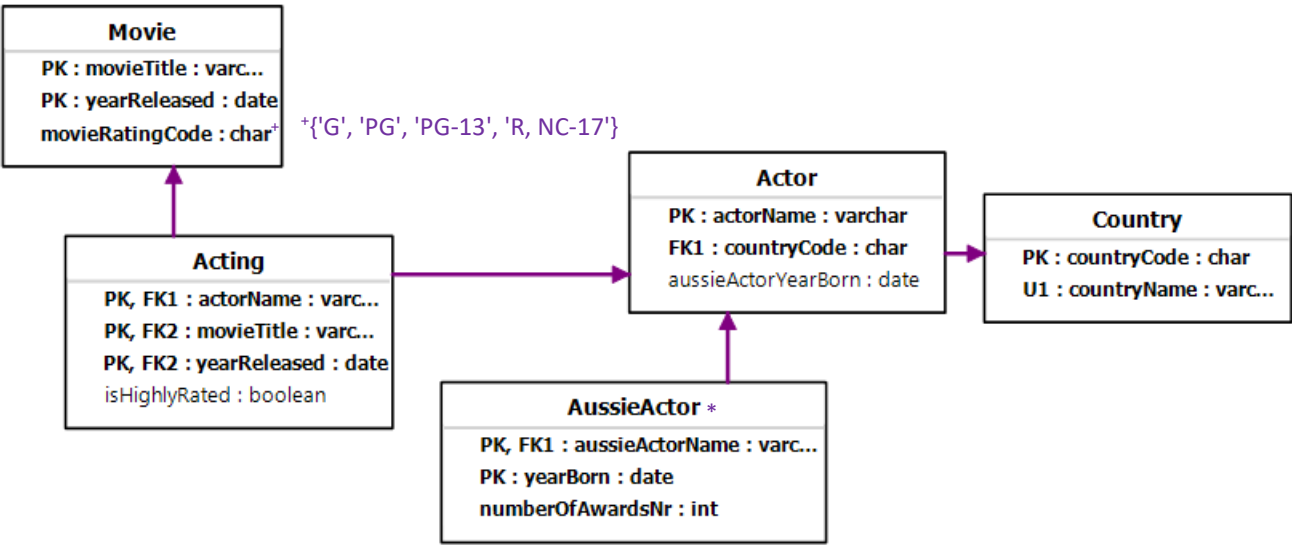
Table 1.

Table 2.

Table 3.

*Each Population Density is an average of Population within an Area.

Task 2

The relational database schema for task 2 is as follows:

*Each AussieActor is an Actor who was born in Country 'AU'.