Imperial College London

Department of Computing
Academic Year **2017-2018**
Page created Fri Mar 2 02:06:24 GMT 2018

CATE

526 pjm 2
i2 haa516 v1

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SAO date stamp here

Exercise Information

Module:	526 Databases	**Issued:**	Fri - 16 Feb 2018
Exercise:	2 (CW)	**Due:**	Fri - 02 Mar 2018
Title:	DB CW2	**Assessment:**	Individual
FAO:	McBrien, Peter (pjm)	**Submission:**	Hardcopy

Student Declaration - Version 1

- I acknowledge the following people for help through our original discussions:
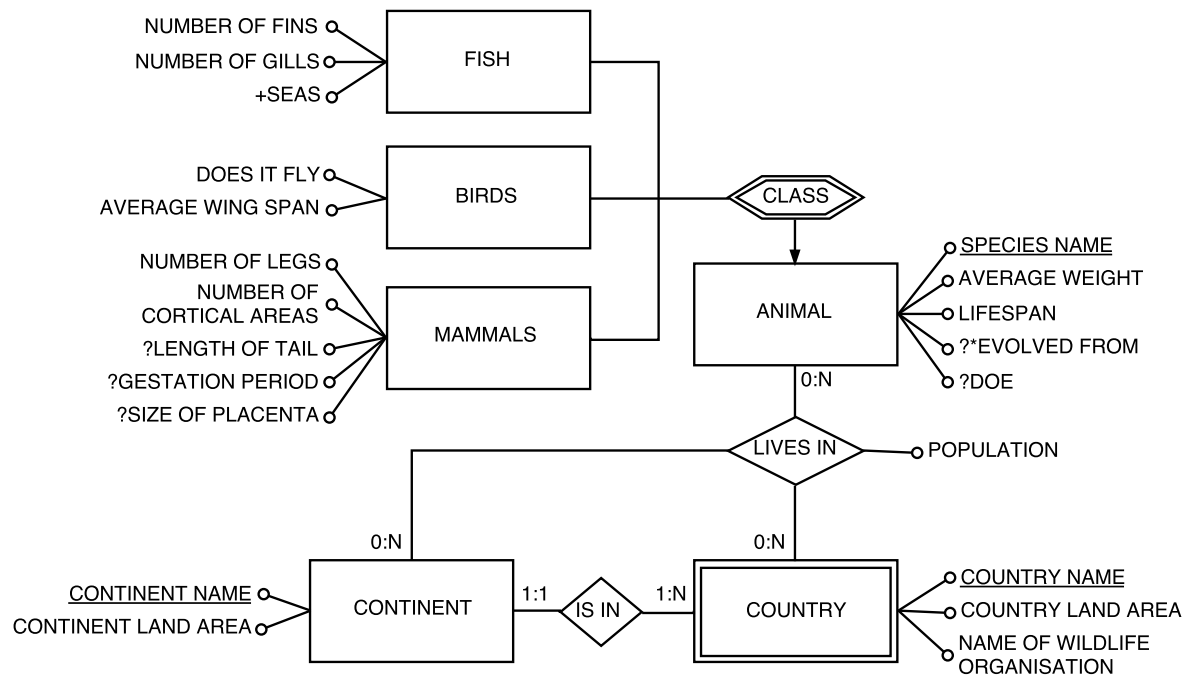
  Harrison Ankers (haa516)

Signed: ➡ _____   Date: ➡ _____

For Markers only: (circle appropriate grade)

ANKERS, Harrison (haa516)	01211208	i2	2018-03-02 02:06:16	A* A B C D E F

ER Modelling – Harrison Ankers

CONTINENT(<u>CONTINENT_NAME</u>, CONTINENT_LAND_AREA)
COUNTRY(<u>COUNTRY_NAME</u>, COUNTRY_LAND_AREA, NAME_OF_WILDLIFE_ORGANISATION,
    CONTINENT_NAME)
ANIMAL(<u>SPECIES_NAME</u>, AVERAGE_WEIGHT, LIFESPAN, ?DOE, ?EVOLVED_FROM)
FISH(<u>SPECIES_NAME</u>, NUMBER_OF_FINS, NUMBER_OF_GILLS, SEAS)
BIRDS(<u>SPECIES_NAME</u>, DOES_IT_FLY, AVERAGE_WING_SPAN)
MAMMALS(<u>SPECIES_NAME</u>, NUMBER_OF_LEGS,
    NUMBER_OF_CORTICAL_AREAS, ?LENGTH_OF_TAIL, ?GESTATION_PERIOD,
    ?SIZE_OF_PLACENTA)
LIVES_IN(<u>SPECIES_NAME</u>,<u>COUNTRY_NAME</u>,POPULATION)

COUNTRY(CONTINENT_NAME) -> FK -> CONTINENT(CONTINENT_NAME)
ANIMAL(EVOLVED_FROM) -> FK -> ANIMAL(SPECIES_NAME)
FISH(SPECIES_NAME) -> FK -> ANIMAL(SPECIES_NAME)
BIRDS(SPECIES_NAME) -> FK -> ANIMAL(SPECIES_NAME)
MAMMALS(SPECIES_NAME) -> FK -> ANIMAL(SPECIES_NAME)
LIVES_IN(SPECIES_NAME) -> FK -> ANIMAL(SPECIES_NAME)
LIVES_IN(COUNTRY_NAME) -> FK -> COUNTRY(COUNTRY_NAME)