Homework Task 2 – Finsbury Happy Zoo

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-> Please note, I have provided appropriate variable names alongside the descriptions

Habitat (Entity):

Attributes:

Primary key – habitat type // Habitat_Type

Description of habitat // Desc_Type

Enclosure (Entity):

Attributes:

Primary key – enclosure number // Enclosure_ID

Foreign Key – Habitat (From Habitat) // Habitat_Type (From Habitat)

Size // size

Main Feature // main_feature

Species (Entity):

Attributes:

Primary key – Species Name // Animal_Species

Habitat Type // Habitat_ Type (From Habitat)

Animal (Entity):

Attributes:

Primary key – Animal ID // Animal_ID

Name // Animal_Name

Date of Birth // Animal_DOB

Diet // Animal_Diet

Description of Animals // Animal_Description (String type)

Foreign Key - Species Name // Animal_Species (from species entity)

Animal Transfer (Entity):

Attributes:

Foreign keys:

1. Animal ID // Animal_ID (From Animals)
2. Enclosure Number // Enclosure_ID
3. Start Date // date_end
4. End date // date_end

Composite primary key - consists of all of the above

Animal Notes (Entity):

Attributes:

Foreign Key – Animal ID // Animal_ID

Date // Note_Date

Note Description // Note_Desc (String type)

Composite primary key – Animal ID and Note Date

Species Compatibility (Entity):

Attributes:

Composite primary key – Species A and Species B // Spec_A, Spec_B

Compatibility rating (1-5) //   species_rating

Enclosure Capacity (Entity):

Attributes:

Foreign Keys –

1. Enclosure Number (from enclosure)
2. Species name (from species)

Maximum number of animals // Max_Capacity

Composite primary key – made up of both foreign keys