

## **HW1 – Task 2**

Entity: Enclosure

Attributes: habitat\_type, size, main\_feature, enclosure\_ID

Primary Key: enclosure\_ID

Foreign Key: None

Entity: Animal

Attributes: animal\_ID, animal\_name, animal\_date\_of\_birth, animal\_diet, animal\_description

Primary Key: animal\_ID

Foreign Key: None

Entity: Specie

Attributes: specie\_name, specie\_description, habitat\_type

Primary Key: specie\_name

Foreign Key: None

Entity: Specie\_Compatibility

Attributes: specie\_A, specie\_B, compatibility\_rating

Primary Key: specie\_A, specie\_B (composite key)

Foreign Key: specie\_A, specie\_B (from attribute specie\_name from the Specie table)

Entity: Specie\_Enclosure\_Matching

Attributes: specie\_name, enclosure\_ID, max\_animal\_capacity

Primary Key: specie\_name, enclosure\_ID (composite key)

Foreign Key: specie\_name, enclosure\_ID

Entity: Animal\_Enclosure

Attributes: start\_date, end\_date, enclosure\_ID, animal\_ID

Primary Key: start\_date, enclosure\_ID, animal\_ID (composite key)

Foreign Key: enclosure\_ID, animal\_ID

Entity: Animal\_Notes

Attributes: animal\_ID, details\_of\_animal\_behaviour, date\_note\_recorded

Primary Key: animal\_ID, date\_note\_recorded  
Foreign Key: animal\_ID