

Entity: Enclosure

Attributes: Habitat type, size, main feature, unique enclosure number

Keys: Unique enclosure number is the primary key

Entity: Animal

Attributes: Unique animal ID, unique enclosure number, name, date of birth, diet, description, start date of being in an enclosure, end date of being in an enclosure, Species

Keys: Unique animal ID is the primary key, species is a foreign key, unique enclosure number is a foreign key

Entity: Animal Note

Attributes: Date, Note contents, Unique animal ID, Unique note ID

Keys: Unique note ID is the primary key, unique animal ID is a foreign key

Entity: Species

Attributes: name, description, habitat

Keys: name is a primary key

Entity: Species compatibility table

Attributes: Species A, Species B, compatibility rating

Keys: Species A is a foreign key, species B is a foreign key