Entities:

Enclosure

Animal

Species

Note

Species Compatibility

Species-Enclosure Assignment

1. Enclosure

Attributes:

Enclosure Number (Primary Key)

Habitat Type

Size

Main Feature

1. Species

Attributes:

Species Name (Primary Key)

Description

Habitat Type

1. Animal

Attributes:

Animal ID (Primary Key)

Name

Date of Birth

Diet

Description

1. Animal\_Enclosure\_Assignment

Attributes:

Assignment ID (Primary Key)

Animal ID (Foreign Key)

Enclosure Number (Foreign Key)

Start Date

End Date

1. ZooKeeper\_Note

Attributes:

Note ID (Primary Key)

Animal ID (Foreign Key)

Note Content

Date

1. Species\_Compatibility

Attributes:

Compatibility ID (Primary Key)

Species A (Foreign Key to Species)

Species B (Foreign Key to Species)

Compatibility Rating

1. Max\_Species\_Enclosure

Attributes:

Max\_Species\_Enclosure ID (Primary Key)

Species Name (Foreign Key to Species)

Enclosure Number (Foreign Key to Enclosure)

Maximum Number of Animals