

For the scenario below identify the entities, their attributes and appropriate keys

Finsbury Happy Zoo

Finsbury Happy Zoo's concept is to show **animals** together in their **habitats**. They have a **number of enclosures** of **different habitat types** (such as forest or tundra), **different sizes** (square metres), **each having a main feature** (such as a stream or a cave). Animals of different species share the same enclosure. Each enclosure has a **unique number** and there can be several enclosures with the same habitat but with a **different main feature or of a different size**. Each animal has a **unique ID**, and their **name, date_of_birth, diet and description are stored**. When an animal is put in an enclosure, the start date is recorded, and if they are transferred to another enclosure the end date is recorded. **Zoo keepers** may need to make a **note about a particular animal**, for example "not eating well today" and this is recorded along with the date. To make sure the animals don't eat each other a **species compatibility table** is maintained which has the following information; **speciesA, speciesB, compatibility_rating** (5 for happy neighbours to 1 for bitter enemies). **Species** are identified by their **name, and a description of the species and their habitat type are recorded**. Species are matched against enclosures by Zoo staff, and if suitable the **maximum number** of animals of a particular species for a particular enclosure is recorded to prevent overcrowding.

Entities

Attributes

Keys