

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.

Red: Attributes

Blue: Entities