

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

Candidate keys