

Database Analysis Revision Question

1. Mr and Mrs Jones are dog breeders and want to have a relational database to keep track of litters and puppies. The number of puppies in each litter will be at least one. Each Puppy's gender will be M or F and the cost of the puppy will be from £150 to £850 inclusive. Mr & Mrs Jones want to be able to search for puppies between certain prices and display the details of these puppies sorted by cost.

Identify two functional requirements for this database. (2)

2. BookMeAHoliday is a travel agent who books holidays to various destinations in Europe. They want to have a relational database to keep track of holidays and hotels. Each hotel grade is between 1 Star and 5 star and the price of a room per night is between £25 and £150. When booking the customer has a choice between 2-7 nights. Customers should be able to sort hotels by star rating and search for hotels within certain countries.

Identify one end user and one functional requirement for this database. (2)

3. RGC Wildlife is a wildlife park who has a variety of species of animals who each have a designated zoo keeper. Each animal belongs to a class of either mammal, reptile, amphibian or bird and lives between 1 and 100 years and zoo keepers want to be able to search for a specific class of animal. They want to have a relational database to keep track of animals and their corresponding keeper. Each keeper can look after a variety of animals, their gender is either M or F and they either work part-time or full-time.

Identify one end user requirement and two functional requirements for this database. (3)