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Pets Shop

For Database 2 course

### Project Description:

### The script is designed to model a pet adoption system for a pet shop. It includes three main tables: Pet, Customer, and Adoption. The Pet table stores information about available pets, the Customer table stores information about customers interested in adopting pets, and the Adoption table records instances of pet adoptions.

### FEATUERES:

1. Sequence:
   * Creates a sequence (adoption\_seq) to generate unique values for the adoption\_id column in the Adoption table.
2. AdoptPet Procedure:
   * A stored procedure (AdoptPet) for simulating the pet adoption process.
   * Checks if a pet is available for adoption, inserts an adoption record, and updates the availability status of the adopted pet.
   * Introduces conditional logic and the use of the SYSDATE function.
3. GetTotalPetsAdoptedByCustomer Function:
   * A function (GetTotalPetsAdoptedByCustomer) to calculate the total number of pets adopted by a specific customer.
   * Demonstrates the use of a SQL function.
4. UpdatePetAvailability Trigger:
   * A trigger (UpdatePetAvailability) that automatically updates the availability status of a pet when a new adoption record is inserted.
   * Illustrates the use of triggers to enforce business rules and maintain data integrity.

### Use Cases:

* Inserting new pets and customers.
* Simulating pet adoptions using the AdoptPet stored procedure.
* Retrieving information about adopted pets using the GetTotalPetsAdoptedByCustomer function.
* Observing the automatic update of pet availability status through the UpdatePetAvailability trigger.

### Relational Data Model

