Database Management Systems Project Part B - Written Document
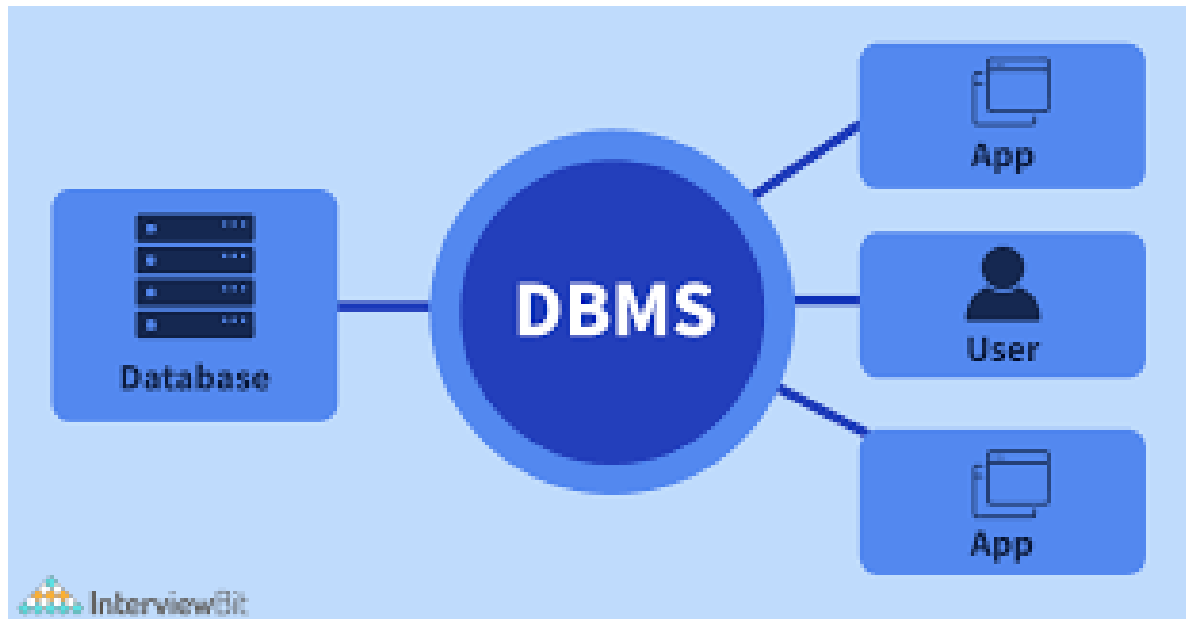

Name: Matthew Walker
ID Number: 400014321
Lecturer: Ms.King-Inniss

Table Of Contents

Design Updates

No updates were made to the group's database

Queries Used

Query 1: $insertquery = "INSERT INTO staff (firstname,lastname,role) VALUES   ('$firstname','$lastname','$staffrole')";

File: DataEntry.php

The purpose of this query is to take the data entered in the form and insert it into the staff` table.

Query 2: $insertquery = "UPDATE visit set medications = '$medications' WHERE visitid = $visitid";

File: dataupdate.php

The purpose of this query is to update the medications field in the visit table for the given visit ID when the `visitid` is provided, but the pet name is not. It takes the data entered in the form for visit ID and medications and updates the corresponding record in the database.

<u>Query 3:</u> $insertquery = "UPDATE visit JOIN pet on visit.petid = pet.petid
        set visit.medications = '$medications'
        where pet.name = '$petname'
        ";

File: dataupdate.php

The purpose of this query is to update the medications field in the visit table based on the pet name provided, it pulls the pet name information from the pet table and uses a join; to join both pet and visit via pet ID. This works when the pet name is provided on the form.

<u>Query 4:</u> $Query = "SELECT name, species, breed,dateofbirth FROM pet where name = '$petname'";

File: Searches.php

The purpose of this query is to output a table of pet records based on the pet name entered. The table should have the pet's name, species, breed, and date of birth.

<u>Query 5:</u> $Query = "SELECT owner.firstname,owner.lastname, pet.name, pet.species, pet.breed,pet.dateofbirth FROM pet JOIN owner on owner.ownerid = pet.ownerid where owner.ownerid = $ownerid";

File: Searches.php

The purpose of this query is to output a table of pet records based on the ownerID entered. The table should have the owner's first name, the owner's last name, and the pet's name, species, breed, and date of birth. The query pulls the owner name and last name information from the owner table and uses a join; to join both pet and owner via owner id. This works when the owner ID is provided from the form.