

# YAA ASANTEWAA ASANTE

WEBTECH FALL 2024 FINAL EXAMS

**YAA ASANTEWAA IS DEVELOPING  
A DATA POWERED WEBSITE TO  
HELP PET LOVERS SOLVE THE  
PROBLEM OF FINDING A PET THAT  
WORKS BEST FOR THEM**

# PAWMATCH



**PERSONA:** Animal lovers and families

**PROBLEM:** The website solves the problem of pet adoption accessibility

## Find Your Perfect Pet Companion

Your Perfect Pet Match

Dog is Your Perfect Match!

You're an active person who loves companionship and outdoor activities. A dog would be your ideal pet!

[Take Quiz Again](#)

**PAYOUT:** It provides users with clear, actionable pet recommendations tailored to their needs.

**FINISH:** The users are better off now because they have a life companion

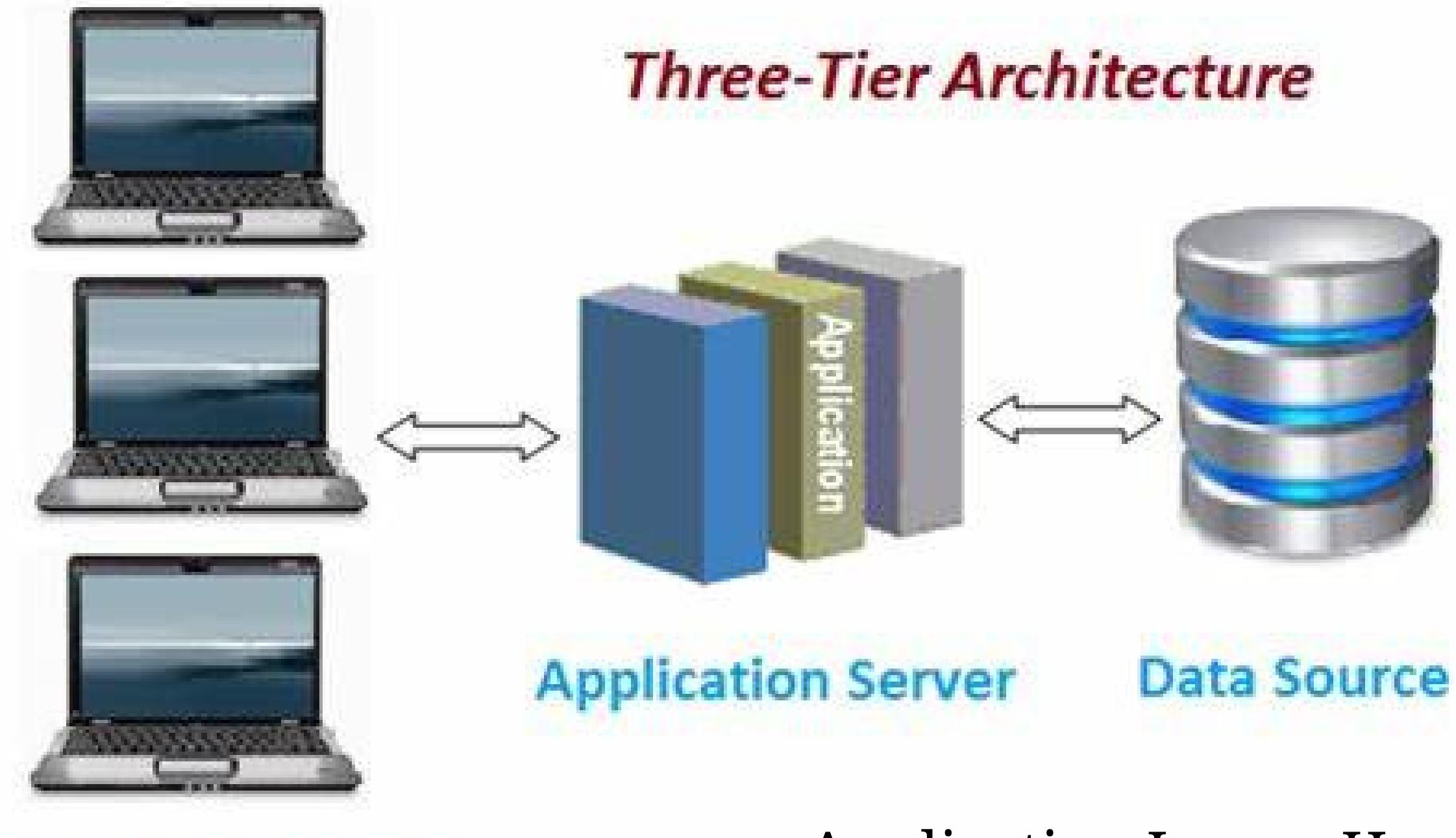
# USER/COSTUMER

THE WEBSITE'S USERS INCLUDE INDIVIDUALS OR FAMILIES LOOKING FOR A PET COMPANION, ANIMAL ADVOCATES WORKING TO RESCUE AND REHOME PETS, AND PET OWNERS WHO NEED TO REHOME THEIR PETS RESPONSIBLY. IT ALSO SERVES FIRST-TIME PET OWNERS EAGER TO ADOPT AND LEARN. THESE USERS SHARE A COMMON GOAL OF CREATING LOVING HOMES FOR PETS IN NEED.

# MAIN FUNCTIONS

1. PETMATCH QUIZ
2. ADOPTING AN ANIMAL
3. RECEIPT PRINTING OF NEW PET  
OWNER
4. REMOVING PETS WHEN ADOPTED
5. ADDING NEW PETS TO THE

## *Three-Tier Architecture*



### **Client Applications**

Client Layer: Here potential adopters, pet owners interact with the website. Users browse pet profiles and submit applications

Application Layer: Here, requests are processed. ie. matching pets with preferences.

Database Layer: Stores all data related to the pets and even users, with the help of tables

How they connect: The front end sends the request to the backend . for example when a user searches for “small dogs near Accra” the front end sends a query, and the application layer processes it.