

Repeat Project

Virtual Pet Adoption Centre



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Repeat Project: Virtual Pet Adoption Centre  
  
  
**Project Description**  
  
The **Virtual Pet Adoption Centre** is a Java application that simulates a shelter where users can add, manage, and adopt pets. Each pet has characteristics such as species, age, hunger level, and mood. The system allows searching, updating pet statuses, and managing the pet population at the centre. It's a fun, way for me to approach this project.

**Class Diagram**

Class Diagram Code

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| --- |
| classDiagram  AdoptionCenter --> Pet : contains  class Pet {  - String name  - String species  - int age  - int hungerLevel  - String mood  + Pet()  + Pet(name, species, age, hungerLevel, mood)  + getters/setters  + toString()  + equals(Object)  + compareTo(Pet)  + feed()  + play()  }  class AdoptionCenter {  - ArrayList~Pet~ pets  - String centerName  -String location  + AdoptionCenter()  + AdoptionCenter(centerName, location)  + addPet(Pet)  + removePet(String)  + findPet(String) Pet  + displayAll()  + countPets() int  + sortByAge()  } |

Class Diagram  
A screenshot of a computer

AI-generated content may be incorrect.