PETPALS

(CODE CHALLENGE)

Coding Challenges: PetPals, The Pet Adoption Platform

Instructions

- Project submissions should be done through the partcipants' Github repository, and the link should be shared with trainers and Hexavarsity.
- Each section builds upon the previous one, and by the end, you will have a comprehensive application implemented with a strong focus on SQL, control flow statements, loops, arrays, collections, exception handling, database interaction.
- Follow object-oriented principles throughout the project. Use classes and objects to model real
 world entities, encapsulate data and behavior, and ensure code reusability.
- Throw user defined exceptions from corresponding methods and handled.
- The following Directory structure is to be followed in the application.

entity/model

- Create entity classes in this package. All entity class should not have any business logic.
- o dao
 - Create Service Provider Interface/Abstract Class to showcase functionalities.
 - Create the implementation class for the above Interface/Abstract Class with db interaction.

exception

- Create user defined exceptions in this package and handle exceptions whenever needed
- util
- Create a DBPropertyUtil class with a static function which takes property file name as parameter and returns connection string.
- Create a DBConnUtil class which holds static method which takes connection string as parameter file and returns connection object (Use method defined in DBPropertyUtil class to get the connection String).
- o Main
 - Create a class MainModule and demonstrate the functionalities in a menu driven application.

Problem Statement:

PetPals, The Pet Adoption Platform scenario is a software system designed to facilitate the adoption of pets, such as dogs and cats, from shelters or rescue organizations. This platform serves as a digital marketplace where potential adopters can browse and select pets, shelters can list available pets, and donors can contribute to support animal welfare.

Implement OOPs

Create SQL Schema from the pet and user class, use the class attributes for table column names. 1.Create and implement the mentioned class and the structure in your application.

Pet	Class:
Attr	ributes:

- · Name (string): The name of the pet.
- · Age (int): The age of the pet.
- · Breed (string): The breed of the pet.

Methods:

- · Constructor to initialize Name, Age, and Breed.
- Getters and setters for attributes.
- ToString() method to provide a string representation of the pet.

Dog Class (Inherits from Pet):

Additional Attributes:

· DogBreed (string): The specific breed of the dog.

Additional Methods:

- Constructor to initialize DogBreed.
- Getters and setters for DogBreed.

Cat Class (Inherits from Pet):

Additional Attributes:

· CatColor (string): The color of the cat.

Additional Methods:

- Constructor to initialize CatColor.
- Getters and setters for CatColor.

3.PetShelter Class:

Attributes:

· availablePets (List of Pet): A list to store available pets for adoption.

Methods:

- AddPet(Pet pet): Adds a pet to the list of available pets.
- RemovePet(Pet pet): Removes a pet from the list of available pets.
- ListAvailablePets(): Lists all available pets in the shelter.

4.Donation Class (Abstract):

Attributes:

- DonorName (string): The name of the donor.
- · Amount (decimal): The donation amount.

Methods:

- · Constructor to initialize DonorName and Amount.
- Abstract method RecordDonation() to record the donation (to be implemented in derived classes).

CashDonation Class (Derived from Donation):

Additional Attributes:

DonationDate (DateTime): The date of the cash donation.

Additional Methods:

- Constructor to initialize DonationDate.
- Implementation of RecordDonation() to record a cash donation.

ItemDonation Class (Derived from Donation):

Additional Attributes:

ItemType (string): The type of item donated (e.g., food, toys).

Additional Methods:

- Constructor to initialize ItemType.
- Implementation of RecordDonation() to record an item donation.

5.IAdoptable Interface/Abstract Class:

Methods:

Adopt(): An abstract method to handle the adoption process.

AdoptionEvent Class:

Attributes:

Participants (List of IAdoptable): A list of participants (shelters and adopters) in the adoption
event.

Methods:

- HostEvent(): Hosts the adoption event.
- RegisterParticipant(IAdoptable participant): Registers a participant for the event.

6.Exceptions handling

Create and implement the following exceptions in your application.

- Invalid Pet Age Handling:
 - o In the Pet Adoption Platform, when adding a new pet to a shelter, the age of the pet should be a positive integer. Write a program that prompts the user to input the age of a pet. Implement exception handling to ensure that the input is a positive integer. If the input is not valid, catch the exception and display an error message. If the input is valid, add the pet to the shelter.
- Null Reference Exception Handling:
 - In the Pet Adoption Platform, when displaying the list of available pets in a shelter, it's
 important to handle situations where a pet's properties (e.g., Name, Age) might be null.
 Implement exception handling to catch null reference exceptions when accessing properties
 of pets in the shelter and display a message indicating that the information is missing.
- · Insufficient Funds Exception:
 - Suppose the Pet Adoption Platform allows users to make cash donations to shelters. Write a
 program that prompts the user to enter the donation amount. Implement exception
 handling to catch situations where the donation amount is less than a minimum allowed
 amount (e.g., \$10). If the donation amount is insufficient, catch the exception and display an
 error message. Otherwise, process the donation.
- File Handling Exception:
 - In the Pet Adoption Platform, there might be scenarios where the program needs to read
 data from a file (e.g., a list of pets in a shelter). Write a program that attempts to read data
 from a file. Implement exception handling to catch any file-related exceptions (e.g.,
 FileNotFoundException) and display an error message if the file is not found or cannot be
 read.
- Custom Exception for Adoption Errors:

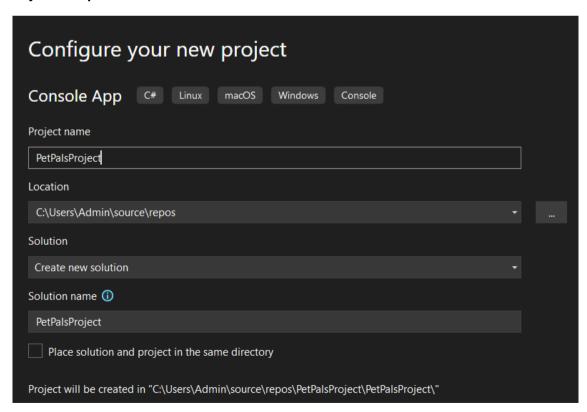
 Design a custom exception class called AdoptionException that inherits from Exception. In the Pet Adoption Platform, use this custom exception to handle adoption-related errors, such as attempting to adopt a pet that is not available or adopting a pet with missing information. Create instances of AdoptionException with different error messages and catch them appropriately in your program.

7. Database Connectivity

Create and implement the following tasks in your application.

- Displaying Pet Listings:
 - Develop a program that connects to the database and retrieves a list of available pets from the "pets" table. Display this list to the user. Ensure that the program handles database connectivity exceptions gracefully, including cases where the database is unreachable.
- Donation Recording:
 - Create a program that records cash donations made by donors. Allow the user to input donor information and the donation amount and insert this data into the "donations" table in the database. Handle exceptions related to database operations, such as database errors or invalid inputs.
- Adoption Event Management:
 - Build a program that connects to the database and retrieves information about upcoming adoption events from the "adoption_events" table. Allow the user to register for an event by adding their details to the "participants" table. Ensure that the program handles database connectivity and insertion exceptions properly.

Project Setup in Visual Studio 2022



Folder Structure

```
▲ △ □ PetPalsProject

   ▶ ₽ Dependencies
   ▶ ≜ C# AdoptionException.cs
      ▶ a C# FileHandlingException.cs
      ▶ ≜ C# InsufficientFundsException.cs
      ▶ a C# InvalidPetAgeException.cs
      ▶ ≜ C# NullPetDataException.cs

▲ A ■ Models

      ▶ a C# AdoptionEvent.cs
      ▶ a C# CashDonation.cs
      ▶ A C# Cat.cs
      ▶ A C# Dog.cs
      ▶ a C# Donation.cs
      ▶ A C# IAdoptable.cs
      ▶ a C# ItemDonation.cs
      ▶ a C# PetShelter.cs

▲ A ■ Services

      ▶ a C# DonationServiceImpl.cs
      ▶ A C# EventServiceImpl.cs
      ▶ a C# IDonationService.cs
      ▶ a C# IEventService.cs
      ▶ a C# IParticipantService.cs
      ▶ a C# IPetService.cs
      ▶ ≜ C# ParticipantServiceImpl.cs
      ▶ a C# PetServiceImpl.cs

▲ B ■ SQL

        ♠ ♣ schema.sql

▲ A ■ Utilities

      ▶ A C# DBConnUtil.cs
     ≜  App.config
   ▶ a C# Program.cs
```

App.config

DBConnUtil.cs

Pet.cs - Base Class

Dog.cs - Inherits from Pet

Cat.cs - Inherits from Pet

PetShelter.cs - Manages List of Pets

```
PetShelter.cs → X Cat.cs
                                           AdoptionEvent.cs
Dog.cs
                                              → PetShelter
using PetPalsProject.Models;
using System;
using System.Collections.Generic;
public class PetShelter
    private List<Pet> availablePets = new List<Pet>();
    public void AddPet(Pet pet)
        availablePets.Add(pet);
    3
    public void RemovePet(Pet pet)
        availablePets.Remove(pet);
    }
    public void ListAvailablePets()
        if (availablePets.Count == 0)
            Console.WriteLine("No pets available for adoption.");
        else
             foreach (Pet pet in availablePets)
                 Console.WriteLine(pet);
    0 references
public List<Pet> GetPets()
        return availablePets;
```

Donation.cs - Abstract Class

```
Donation.cs  

InsufficientFundsException.cs

public abstract class Donation
{
    3 references
    public string DonorName { get; set; }
    3 references
    public decimal Amount { get; set; }

    2 references
    public Donation(string donorName, decimal amount)
    {
        DonorName = donorName;
        Amount = amount;
    }

    2 references
    public abstract void RecordDonation();
}
```

CashDonation.cs - Extends Donation

ItemDonation.cs - Extends Donation

IAdoptable.cs - Interface

AdoptionEvent.cs - Manages Participants

InvalidPetAgeException.cs

NullPetDataException.cs

```
DonationServiceImpl.cs

NullPetDataException.cs + X CashDonation.cs

PetPalsProject.Exceptions.NullPetI

namespace PetPalsProject.Exceptions
{
    using System;

3 references
    public class NullPetDataException : Exception
    {
        1 reference
        public NullPetDataException(string message) : base(message) { }
}
```

InsufficientFundsException.cs

```
InsufficientF...dsException.cs → ×

representation

representa
```

FileHandlingException.cs

```
FileHandlingException.cs  
AdoptionException.cs  
PetService.cs  
PetService.c
```

AdoptionException.cs

```
AdoptionException.cs  

PetServiceImpl.cs IAdoptable

PetPalsProject.Exceptions.Adv

namespace PetPalsProject.Exceptions
{
    using System;
    3 references
    public class AdoptionException : Exception
    {
        1 reference
        public AdoptionException(string message) : base(message) { }
    }
}
```

PetServiceImpl.cs - Implements Pet Logic

```
PetServiceImpl.cs → X IAdoptable.cs
                                                                                                                          InsufficientFundsException.cs
                                                                                           → PetPalsProject.Services.PetServiceImpl
namespace PetPalsProject.Services
    using System;
using System.Data.SqlClient;
    using PetPalsProject.Models
    using PetPalsProject.Utilities;
    using PetPalsProject.Exceptions;
     public class PetServiceImpl : IPetService
          public void AddPet(Pet pet)
                if (pet.Age \Leftarrow 0)
                throw new InvalidPetAgeException("Pet age must be a positive number.");
if (string.IsNullOrEmpty(pet.Name) || string.IsNullOrEmpty(pet.Breed))
throw new NullPetDataException("Pet name or breed cannot be empty.");
                using (SqlConnection conn = DBConnUtil.GetConnection())
                      conn.Open():
                     conn.Open();
string query = "INSERT INTO Pets (Name, Age, Breed, Type, AvailableForAdoption) VALUES (@name, @age, @breed, @type, 1)";
sqlCommand cmd = new SqlCommand(query, conn);
cmd.Parameters.AddWithValue("@name", pet.Name);
cmd.Parameters.AddWithValue("@age", pet.Age);
cmd.Parameters.AddWithValue("@breed", pet.Breed);
cmd.Parameters.AddWithValue("@type", pet.GetType().Name);
cmd.ExecuteNanQuery();
                     cmd.ExecuteNonQuery();
                Console.WriteLine("Pet added successfully.");
          2 references
public void ListAvailablePets()
                using (SqlConnection conn = DBConnUtil.GetConnection())
                      conn.Open();
                      string query = "SELECT Name, Age, Breed, Type FROM Pets WHERE AvailableForAdoption = 1";
SqlCommand cmd = new SqlCommand(query, conn);
                      SqlDataReader reader = cmd.ExecuteReader();
                      while (reader Read())
                            Console.WriteLine($"Name: {reader["Name"]}, Age: {reader["Age"]}, Breed: {reader["Breed"]}, Type: {reader["Type"]}");
```

IPetService.cs - Interface for Pet Features

IDonationService.cs – Interface for Donations

DonationServiceImpl.cs

```
DonationServiceImpl.cs → X CashDonation.cs
                                               ▼ PetPalsProject.Services.DonationServiceImpl
                                                                                                                  ▼ 😭 RecordCashDonation(stri
 using System;
 using System.Data.SqlClient;
 using PetPalsProject.Utilities;
 using PetPalsProject.Exceptions;
 namespace PetPalsProject.Services
     public class DonationServiceImpl : IDonationService
         public void RecordCashDonation(string donorName, decimal amount)
              if (amount < 10)
                  throw new InsufficientFundsException("Donation must be at least $10.");
             using (SqlConnection conn = DBConnUtil.GetConnection())
                 conn.Open();
                  string query = "INSERT INTO Donations (DonorName, DonationAmount, DonationDate) VALUES (@name, @amount, @date)";
                  SqlCommand cmd = new SqlCommand(query, conn);
                 cmd.Parameters.AddWithValue("@name", donorName);
cmd.Parameters.AddWithValue("@amount", amount);
                 cmd.Parameters.AddWithValue("@date", DateTime.Now);
                  cmd.ExecuteNonQuery();
             Console.WriteLine("Thank you! Your donation has been recorded.");
```

IEventService.cs - Interface for Events

EventServiceImpl.cs - View Upcoming Events

```
EventServiceImpl.cs \ParticipantService.cs
                                           ▼ PetPalsProject.Services.EventServiceImpl
                                                                                                           ▼ ShowUpcomingEvents()
namespace PetPalsProject.Services
    public class EventServiceImpl : IEventService
        public void ShowUpcomingEvents()
            using (SqlConnection conn = DBConnUtil.GetConnection())
                conn.Open();
                string query = "SELECT EventID, EventName, EventDate, Location FROM AdoptionEvents ORDER BY EventDate";
                SqlCommand cmd = new SqlCommand(query, conn);
                SqlDataReader reader = cmd.ExecuteReader();
                Console.WriteLine("\n--- Upcoming Adoption Events ---");
                bool hasRows = false;
                while (reader.Read())
                   hasRows = true;
                   Console.WriteLine($"ID: {reader["EventID"]} | Name: {reader["EventName"]} " +
                        $"| Date: {Convert.ToDateTime(reader["EventDate"]).ToShortDateString()} | Location: {reader["Location"]}");
                if (!hasRows)
                   Console.WriteLine("No upcoming events found.");
```

IParticipantService.cs - Interface

ParticipantServiceImpl.cs - Register Participant

```
IParticipantService.cs
                                                          ParticipantServiceImpl.cs → X | IEventService.cs
                                            ▼ PetPalsProject.Services.ParticipantServiceImpl
                                                                                                            ▼ RegisterParticipant(string name,
using System;
using System.Data.SqlClient;
using PetPalsProject.Utilities;
using PetPalsProject.Exceptions;
namespace PetPalsProject.Services
    public class ParticipantServiceImpl : IParticipantService
        public void RegisterParticipant(string name, string type, int eventId)
            using (SqlConnection conn = DBConnUtil.GetConnection())
                conn.Open();
                SqlCommand checkCmd = new SqlCommand("SELECT COUNT(*) FROM AdoptionEvents WHERE EventID = @id", conn);
                checkCmd.Parameters.AddWithValue("@id", eventId);
                int count = (int)checkCmd.ExecuteScalar();
                if (count == 0)
                    throw new AdoptionException("Invalid event ID.");
                string query = "INSERT INTO Participants (ParticipantName, ParticipantType, EventID) VALUES (@name, @type, @eventId)";
                SqlCommand cmd = new SqlCommand(query, conn);
                cmd.Parameters.AddWithValue("@name", name);
                cmd.Parameters.AddWithValue("@type", type);
                cmd.Parameters.AddWithValue("@eventId", eventId);
                cmd.ExecuteNonQuery();
            Console.WriteLine("Participant successfully registered.");
```

```
Program.cs → X DBConnUtil.cs
                                                          EventServiceImpl.cs
schema.sql

    RetPalsProject.Program

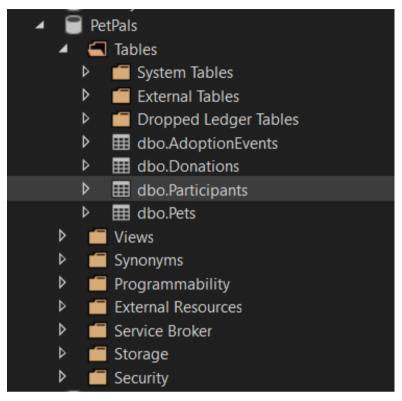
using System;
using PetPalsProject.Models;
using PetPalsProject.Services;
using PetPalsProject.Exceptions;
namespace PetPalsProject
    0 references
    class Program
        0 references
        static void Main(string[] args)
            IPetService petService = new PetServiceImpl();
            IDonationService donationService = new DonationServiceImpl();
            while (true)
                Console.WriteLine("\n--- PetPals Platform ---");
                Console.WriteLine("1. Add Pet");
                Console.WriteLine("2. List Available Pets");
                Console.WriteLine("3. Record Cash Donation");
                Console.WriteLine("4. View Events");
                                                                 //Updated
                Console.WriteLine("5. Register Participant");
                                                                 //Updated
                Console.WriteLine("6. Exit");
                Console.Write("Enter your choice: ");
                string input = Console.ReadLine();
                switch (input)
                    case "1":
                        try
                            Console.Write("Enter pet name: ");
                            string name = Console.ReadLine();
                            Console.Write("Enter pet age: ");
                            int age = int.Parse(Console.ReadLine());
                            Console.Write("Enter pet breed: ");
                            string breed = Console.ReadLine();
                            Console.Write("Enter type (Dog/Cat): ");
                            string type = Console.ReadLine();
```

```
Pet pet;
        if (type.ToLower() == "dog")
           pet = new Dog(name, age, breed, breed); // Using breed again for dog breed
       else
           pet = new Cat(name, age, breed, "White"); // Default cat color
       petService.AddPet(pet);
   catch (InvalidPetAgeException e)
       Console.WriteLine("Error: " + e.Message);
    catch (NullPetDataException e)
       Console.WriteLine("Error: " + e.Message);
   catch (Exception e)
       Console.WriteLine("Error: " + e.Message);
   break;
case "2":
   petService.ListAvailablePets();
   break;
case "3":
   try
       Console.Write("Enter donor name: ");
       string donor = Console.ReadLine();
       Console.Write("Enter donation amount: ");
       decimal amount = decimal.Parse(Console.ReadLine());
       donationService.RecordCashDonation(donor, amount);
   catch (InsufficientFundsException e)
       Console.WriteLine("Error: " + e.Message);
```

```
catch (Exception e)
        Console.WriteLine("Error: " + e.Message);
    break;
case "4":
    IEventService eventService = new EventServiceImpl();
    eventService.ShowUpcomingEvents();
    break;
//Updated
case "5":
    IParticipantService participantService = new ParticipantServiceImpl();
    try
        Console.Write("Enter participant name: ");
        string pname = Console.ReadLine();
        Console.Write("Enter participant type (Shelter/Adopter): ");
        string ptype = Console.ReadLine();
        Console.Write("Enter event ID to register for: ");
        int eid = int.Parse(Console.ReadLine());
        participantService.RegisterParticipant(pname, ptype, eid);
    catch (AdoptionException ex)
        Console.WriteLine("Error: " + ex.Message);
    catch (Exception ex)
        Console.WriteLine("Something went wrong: " + ex.Message);
    break;
case "6":
    Console.WriteLine("Thank you for using PetPals!");
    return;
default:
    Console.WriteLine("Invalid choice. Please try again.");
    break;
```

```
schema.sql + X DBConnUtil.cs
                                              EventServiceImpl.cs
                                                - 智 舗 - 児 ■
✓ III PetPals
CREATE DATABASE PetPals:
USE PetPals:
CREATE TABLE Pets (
    PetID INT IDENTITY PRIMARY KEY,
   Name VARCHAR(50),
   Age INT,
   Breed VARCHAR(50).
   Type VARCHAR(20),
   AvailableForAdoption BIT
CREATE TABLE Donations (
   DonationID INT IDENTITY PRIMARY KEY,
   DonorName VARCHAR(100),
   DonationAmount DECIMAL(10, 2),
   DonationDate DATETIME
CREATE TABLE AdoptionEvents (
    EventID INT IDENTITY PRIMARY KEY,
   EventName VARCHAR(100),
   EventDate DATETIME,
   Location VARCHAR(100)
CREATE TABLE Participants (
   ParticipantID INT IDENTITY PRIMARY KEY,
    ParticipantName VARCHAR(100),
   ParticipantType VARCHAR(50),
    EventID INT FOREIGN KEY REFERENCES AdoptionEvents(EventID)
INSERT INTO AdoptionEvents (EventName, EventDate, Location)
VALUES
SELECT * FROM Pets:
SELECT * FROM Donations;
SELECT * FROM AdoptionEvents;
SELECT * FROM Participants;
```

SQL Server Object Explorer – PetPals DB View



	PetID	Name	Age	Breed			Туре		AvailableForAdoption		
1	1	Max	3	Gold	den	Retriever	Dog		1		
	DonationID DonorName			me	DonationAmount Donation			onationDa	ate		
1	1 Alex				50	50.00 2025-06-2				7 10:50:13.210	
								_			_
	EventID	Ever	ntName		EventDate				Location		
1	1	Sur	nmer Pa	st	2025-07-20 00:00:00.000				Cuddalore		
2	2	Pav	v Meet &	t	2025-08-10 00:00:00.000				Pondicherry		
3	3	Ado	pt-A-Tho		2025-09-01 00:00:00.000				Chennai		
4	4	Fun	y Friends		2025-07-3	30 00	:00	0:00.000	Mumbai		
5	5	Res	cue Rall		2025-08-15 00:00:00.000			Coimbatore			
	ParticipantID ParticipantNa			me	Particip	antTy	pe	EventI	D		

OUTPUT:

Sample Output - Add Pet, List Pets

```
C:\Users\Admin\source\repos X
                          + ~
--- PetPals Platform ---
1. Add Pet
2. List Available Pets
Record Cash Donation
4. Exit
Enter your choice: 1
Enter pet name: Max
Enter pet age: 3
Enter pet breed: Golden Retriever
Enter type (Dog/Cat): Dog
Pet added successfully.
--- PetPals Platform ---
1. Add Pet
2. List Available Pets
3. Record Cash Donation
4. Exit
Enter your choice: 1
Enter pet name: -2
Enter pet age: -2
Enter pet breed: Pug
Enter type (Dog/Cat): Dog
Error: Pet age must be a positive number.
--- PetPals Platform ---
1. Add Pet
2. List Available Pets
3. Record Cash Donation
4. Exit
Enter your choice:
```

```
+ ~
 Microsoft Visual Studio Debu X
Enter type (Dog/Cat): Dog
Error: Pet age must be a positive number.
--- PetPals Platform ---
1. Add Pet
2. List Available Pets
3. Record Cash Donation
4. Exit
Enter your choice: 2
Name: Max, Age: 3, Breed: Golden Retriever, Type: Dog
--- PetPals Platform ---
1. Add Pet
2. List Available Pets
3. Record Cash Donation
4. Exit
Enter your choice: 3
Enter donor name: Ruby
Enter donation amount: 7
Error: Donation must be at least $10.
--- PetPals Platform ---
1. Add Pet
2. List Available Pets
3. Record Cash Donation
4. Exit
Enter your choice: 3
Enter donor name: Alex
Enter donation amount: 50
Thank you! Your donation has been recorded.
--- PetPals Platform ---
1. Add Pet
2. List Available Pets
3. Record Cash Donation
4. Exit
Enter your choice: 4
Thank you for using PetPals!
```

Sample Output - View Events and Register Participant

```
Microsoft Visual Studio Debu X
--- PetPals Platform ---
1. Add Pet
2. List Available Pets
Record Cash Donation
4. View Events
5. Register Participant
6. Exit
Enter vour choice: 4
--- Upcoming Adoption Events ---
ID: 1 | Name: Summer Paws Fest | Date: 20-07-2025 | Location: Cuddalore
ID: 4 | Name: Furry Friends Day | Date: 30-07-2025 | Location: Mumbai ID: 2 | Name: Paw Meet & Greet | Date: 10-08-2025 | Location: Pondicherry
ID: 5 | Name: Rescue Rally | Date: 15-08-2025 | Location: Coimbatore
ID: 3 | Name: Adopt-A-Thon | Date: 01-09-2025 | Location: Chennai
--- PetPals Platform ---
1. Add Pet
2. List Available Pets
Record Cash Donation
4. View Events
5. Register Participant
6. Exit
Enter your choice: 5
Enter participant name: Blue Cross
Enter participant type (Shelter/Adopter): Shelter
Enter event ID to register for: 2
Participant successfully registered.
--- PetPals Platform ---
1. Add Pet
2. List Available Pets
Record Cash Donation
4. View Events
5. Register Participant
6. Exit
Enter your choice: 5
Enter participant name: Lucky
Enter participant type (Shelter/Adopter): Adopter
Enter event ID to register for: 99
Error: Invalid event ID.
```

```
--- PetPals Platform ---
1. Add Pet
2. List Available Pets
3. Record Cash Donation
4. View Events
5. Register Participant
6. Exit
Enter your choice: 1
Enter pet name: Luna
Enter pet age: 2
Enter pet breed: Persian
Enter type (Dog/Cat): Cat
Pet added successfully.
--- PetPals Platform ---
1. Add Pet
2. List Available Pets
3. Record Cash Donation
4. View Events
5. Register Participant
6. Exit
Enter your choice: 6
Thank you for using PetPals!
```

SELECT * FROM Pets; SELECT * FROM Donations; SELECT * FROM AdoptionEvents; SELECT * FROM Participants; 90 % No issues found Results Message											
	PetID	PetID Name Age Breed				Туре	Α	vailable			
1	1	Max	3	Golder	n Retriever	Dog	1	l			
2	2	Luna	2	Persia	n	Cat	1	l .			
1	Donatio	onationAmo	nationAmount DonationDate .00 2025-06-27 10:50:13.21								
	EventID) Event	Name		EventDate	EventDate					
1	1	Sumi	mer Pa	ws Fest	2025-07-	2025-07-20 00:00:00.000					
2	2	Paw	Meet &	Greet	2025-08-	2025-08-10 00:00:00.000					
3	3	Adop	t-A-Tho	n	2025-09-	2025-09-01 00:00:00.000					
4	4	Furry	Friend	s Day	2025-07-	2025-07-30 00:00:00.000					
5	5	Resc	ue Rall	у	2025-08-	2025-08-15 00:00:00.000			Coimbatore		
1	ParticipantID ParticipantName 1 Blue Cross			e Particip		ре	Eventl[