```java
import java.util.Scanner;

public class Catboat {

    private Scanner scanner;

    public Catboat() {

        scanner = new Scanner(System.in);

    }

    public void startInteraction() {

        System.out.println("Welcome to Catboat Customer Interaction System!");

        int choice;
        do {

            System.out.println("How can we assist you today?");

            System.out.println("1. Provide feedback");

            System.out.println("2. Exit");

            choice = scanner.nextInt();

            scanner.nextLine();

            switch (choice) {

                case 1:

                    provideFeedback();

                    break;

                case 2:

                    System.out.println("Thank you for using Catboat Customer Interaction System. Goodbye!");
```

```java
            break;

        default:

            System.out.println("Invalid choice. Please enter 1 or 2.");

        }

    } while (choice != 2);

}


private void provideFeedback() {

    System.out.println("Please provide your feedback:");

    String feedback = scanner.nextLine();

    System.out.println("Thank you for your feedback: " + feedback);

}


public static void main(String[] args) {

    Catboat catboat = new Catboat();

    catboat.startInteraction();

    catboat.scanner.close();

}
}
```

OUTPUT :

Welcome to Catboat Customer Interaction System!

How can we assist you today?

1. Provide feedback

2. Exit

1

Please provide your feedback:

good service

Thank you for your feedback: good service

How can we assist you today?

1. Provide feedback

2. Exit

2

Thank you for using Catboat Customer Interaction System. Goodbye!

=== Code Execution Successful ===