GUNS N POSES SPORTS MANAGEMENT SYSTEM USER GUIDE

Introduction

The Guns N Poses sports management system is a software application that allows gym owners and employees to track, update and delete customers, classes, and trainers. To do this, the application presents the user with 1 menu for all those functions with some options divided further into another sub menu to accomplish one of the mentioned tasks. Understanding how the system works and used can be accomplished by looking at how the system is organized.

Data Management and Organization

The system works by implementing 5 classes and a main method file that presents the menu that the user interfaces with to perform CRUD (Create, Read, Modify, and Delete) operations. The menu primarily works out of the gym class which is where customer, classes, and trainer lists are stored. From there each customer and class has a variable to store a trainer (for the class), and a personal trainer (for the customer). Classes also stores a list of all the customers signed up for the class. The menu offers multiple reports. There is a report to view all customers that includes what class they are signed up for and if they have a personal trainer. A report to view all classes which gives the class name, cost, trainer, as well as all of the participants of the class. Lastly, there is a report to view all trainers, and personal trainers. To demonstrate how the classes all work together, next will be an explanation of all the menu options and their outputs.

Menu Operations

```
run:
   Class Participants:
   nick
   sarah

   yoga
   Class Participants:
   nick
   sarah
   eli

   Guns N' Poses Main Menu
   1. Add New Customer:
   2. Delete Customer:
   3. Update Customer Information:
   4. View Customers:
   5. Add Class
   6. Delete Class:
   7. View Classes:
   8. Add Trainers
   9. Delete Trainer
   10. Add Personal Trainer
   11. Delete Prsonal Trainer
   12. Update Personal Trainer
   13. View Trainers
   14. Exit Gym

   Please make selection:
```

```
Please make selection: 1
Add new Customer
Please enter name
Johnny Jukes
Please enter phone number
555-565-4654
Add personal Trainer?
Database system
1. Add personal trainer:
2. Save Customer and exit:

Please make selection: 1

Current Gym Personal Trainers:
Billy McBob
  cost: $0
  specialty: beginner fitness
Jillian McGee
  cost: $65
  specialty: BJJ

Please enter name of trainer to assign to customer
Billy McBob
Billy McBob
  test1
Billy McBob
  test2
Database system
1. Add personal trainer:
2. Save Customer and exit:

Please make selection: 2
Saving exiting
Guns N' Poses Main Menu
1. Add New Customer:
2. Delete Customer:
3. Update Customer Information:
4. View Customers:
5. Add Class
6. Delete Class:
7. View Classes:
8. Add Trainers
9. Delete Trainer
10. Add Personal Trainer
11. Delete Prsonal Trainer
12. Update Personal Trainer
13. View Trainers
14. Exit Gym
```

```
Please make selection: 2
Delete Customer
Enter Customer to be Removed
The members of the gym are:
John doe
  Personal Trainer: staff, Specialty: fitness
Jane doe
  Personal Trainer: staff, Specialty: fitness
Phillip Nice
  Personal Trainer: staff, Specialty: fitness
Seymour Butz
  Personal Trainer: staff, Specialty: fitness
Lenny Landry
  Personal Trainer: staff, Specialty: fitness
Johnny Jukes
  Personal Trainer: Billy McBob, Specialty: beginner fitness

Lenny Landry
Member does not exist
Member does not exist
Member does not exist
Member does not exist
Customer Lenny Landry has been removed
Member does not exist
Guns N' Poses Main Menu
1. Add New Customer:
2. Delete Customer:
3. Update Customer Information:
4. View Customers:
5. Add Class
6. Delete Class:
7. View Classes:
8. Add Trainers
9. Delete Trainer
10. Add Personal Trainer
11. Delete Prsonal Trainer
12. Update Personal Trainer
13. View Trainers
14. Exit Gym

Please make selection:
```

```
Please make selection: 3
Update Customer Information
The members of the gym are:
John doe
  Personal Trainer: staff, Specialty: fitness
Jane doe
  Personal Trainer: staff, Specialty: fitness
Phillip Nice
  Personal Trainer: staff, Specialty: fitness
Seymour Butz
  Personal Trainer: staff, Specialty: fitness
Johnny Jukes
  Personal Trainer: Billy McBob, Specialty: beginner fitness

Enter Customer to Update:
Johnny Jukes
Enter new customer name
Johnathan Jukes
Customer has been updated to: Johnathan Jukes

Guns N' Poses Main Menu
1. Add New Customer:
2. Delete Customer:
3. Update Customer Information:
4. View Customers:
5. Add Class
6. Delete Class:
7. View Classes:
8. Add Trainers
9. Delete Trainer
10. Add Personal Trainer
11. Delete Prsonal Trainer
12. Update Personal Trainer
13. View Trainers
14. Exit Gym

Please make selection:
```

```
Please make selection: 4
View Customers
The members of the gym are:
John doe
  Personal Trainer: staff, Specialty: fitness
Jane doe
  Personal Trainer: staff, Specialty: fitness
Phillip Nice
  Personal Trainer: staff, Specialty: fitness
Seymour Butz
  Personal Trainer: staff, Specialty: fitness
Johnathan Jukes
  Personal Trainer: Billy McBob, Specialty: beginner fitness

Guns N' Poses Main Menu
1. Add New Customer:
2. Delete Customer:
3. Update Customer Information:
4. View Customers:
5. Add Class
6. Delete Class:
7. View Classes:
8. Add Trainers
9. Delete Trainer
10. Add Personal Trainer
11. Delete Prsonal Trainer
12. Update Personal Trainer
13. View Trainers
14. Exit Gym

Please make selection:
```

Adding Customers, Deleting Customers, Updating Customers, and Viewing Customers

```
Please make selection: 6
Delete Class
Classes at Guns N' Poses:
yoga
   Cost: $45
   Trainer: staff
   Class Participants:
   nick
   sarah
   eli

HIIT
   Cost: $55
   Trainer: staff
   Class Participants:

cycling
   Cost: $50
   Trainer: staff
   Class Participants:

Hot
   Cost: $86
   Trainer: Rocky
   Class Participants:


Please enter name of class to delete
HIIT
HIIT has been removed.

Guns N' Poses Main Menu
1. Add New Customer:
2. Delete Customer:
3. Update Customer Information:
4. View Customers:
5. Add Class
6. Delete Class:
7. View Classes:
8. Add Trainers
9. Delete Trainer
10. Add Personal Trainer
11. Delete Prsonal Trainer
12. Update Personal Trainer
13. View Trainers
14. Exit Gym

Please make selection:
```

```
Please make selection: 5
Add Class
Please enter class name
Hot Yoga
Please enter class cost
86

Current Gym Trainers:
Rocky
Not Rocky
billy bob

Please add Trainer Name
Rocky
Guns N' Poses Main Menu
1. Add New Customer:
2. Delete Customer:
3. Update Customer Information:
4. View Customers:
5. Add Class
6. Delete Class:
7. View Classes:
8. Add Trainers
9. Delete Trainer
10. Add Personal Trainer
11. Delete Prsonal Trainer
12. Update Personal Trainer
13. View Trainers
14. Exit Gym

Please make selection:
```

```
Please make selection: 7
View Classes
Classes at Guns N' Poses:
yoga
   Cost: $45
   Trainer: staff
   Class Participants:
   nick
   sarah
   eli

cycling
   Cost: $50
   Trainer: staff
   Class Participants:

Hot
   Cost: $86
   Trainer: Rocky
   Class Participants:


Add customer to class?
1. Add customer to a class:
2. Exit:

Please make selection:
```

```
Add customer to class?
1. Add customer to a class:
2. Exit:

Please make selection: 1
The members of the gym are:
John doe
   Personal Trainer: staff, Specialty: fitness
Jane doe
   Personal Trainer: staff, Specialty: fitness
Phillip Nice
   Personal Trainer: staff, Specialty: fitness
Seymour Butz
   Personal Trainer: staff, Specialty: fitness
Johnathan Jukes
   Personal Trainer: Billy McBob, Specialty: beginner fitness

Enter member name to be added:
Jane doe
Member does not exist
Enter class to add customer to:
Classes at Guns N' Poses:
yoga
   Cost: $45
   Trainer: staff
   Class Participants:
   nick
   sarah
   eli

cycling
   Cost: $50
   Trainer: staff
   Class Participants:

Hot
   Cost: $86
   Trainer: Rocky
   Class Participants:


cycling
Add customer to class?
1. Add customer to a class:
2. Exit:

Please make selection: 2
Saving exiting
```

Adding Classes, Deleting Classes, and Viewing Classes, and Adding Customer to Class

```
Please make selection: 8
Add Trainer
Enter trainer name: James John
Guns N' Poses Main Menu
1. Add New Customer:
2. Delete Customer:
3. Update Customer Information:
4. View Customers:
5. Add Class
6. Delete Class:
7. View Classes:
8. Add Trainers
9. Delete Trainer
10. Add Personal Trainer
11. Delete Prsonal Trainer
12. Update Personal Trainer
13. View Trainers
14. Exit Gym
```

```
Please make selection: 9
Delete Trainer

Current Gym Trainers:
Rocky
Not Rocky
billy bob
Rocky
James John

Please enter name of trainer to remove:
billy bob
Personal trainerbilly bobdoes not exist.
Personal trainerbilly bobdoes not exist.
Trainer billy bob has been removed
Personal trainerbilly bobdoes not exist.
Personal trainerbilly bobdoes not exist.
billy bob has been removed

Current Gym Trainers:
Rocky
Not Rocky
Rocky
James John
```

Adding Trainers, and Deleting Trainers

```
Please make selection: 10
Add Personal Trainer
Enter personal trainer name: Charles Junior
Enter personal trainer cost per hour:
88
Enter personal trainer specialty:
Running
Guns N' Poses Main Menu
1. Add New Customer:
2. Delete Customer:
3. Update Customer Information:
4. View Customers:
5. Add Class
6. Delete Class:
7. View Classes:
8. Add Trainers
9. Delete Trainer
10. Add Personal Trainer
11. Delete Prsonal Trainer
12. Update Personal Trainer
13. View Trainers
14. Exit Gym

Please make selection:
```

```
Please make selection: 11
Delete Personal Trainer

Current Gym Personal Trainers:
Billy McBob
   cost: $0
   specialty: beginner fitness
Jillian McGee
   cost: $65
   specialty: BJJ
Charles Junior
   cost: $88
   specialty: Running
CJ Lions
   cost: $86
   specialty: Weightlifting

Please enter name of personal trainer to remove:
Charles Junior
Personal TrainerCharles Juniordoes not exist
Personal TrainerCharles Juniordoes not exist
Personal Trainer Charles Junior has been removed
Personal TrainerCharles Juniordoes not exist
Charles Junior has been removed

Current Gym Personal Trainers:
Billy McBob
   cost: $0
   specialty: beginner fitness
Jillian McGee
   cost: $65
   specialty: BJJ
CJ Lions
   cost: $86
   specialty: Weightlifting
```

```
Please make selection: 12
Choose which Customer trainer to update:
Update Customer Trainer Information

Current Gym Personal Trainers:
Billy McBob
  cost: $0
  specialty: beginner fitness
Jillian McGee
  cost: $65
  specialty: BJJ
CJ Lions
  cost: $86
  specialty: Weightlifting

Enter Trainer to Update:
CJ Lions
Trainer found: CJ Lions
Enter new Trainer name:
Celine Liones
Enter new Trainer cost:
99
Enter new Trainer speciality:
running
Trainer has been updated to: Celine Liones
Cost: $99
Speciality: running

Guns N' Poses Main Menu
1. Add New Customer:
2. Delete Customer:
3. Update Customer Information:
4. View Customers:
5. Add Class
6. Delete Class:
7. View Classes:
8. Add Trainers
9. Delete Trainer
10. Add Personal Trainer
11. Delete Prsonal Trainer
12. Update Personal Trainer
13. View Trainers
14. Exit Gym

Please make selection:
```

Adding Personal Trainers, Deleting Personal Trainers, Updating Personal Trainers

```
Please make selection: 13
View Trainers

Current Gym Trainers:
Rocky
Not Rocky
Rocky
James John


Current Gym Personal Trainers:
Billy McBob
   cost: $0
   specialty: beginner fitness
Jillian McGee
   cost: $65
   specialty: BJJ
Celine Liones
   cost: $99
   specialty: running

Guns N' Poses Main Menu
1. Add New Customer:
2. Delete Customer:
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4. View Customers:
5. Add Class
6. Delete Class:
7. View Classes:
8. Add Trainers
9. Delete Trainer
10. Add Personal Trainer
11. Delete Prsonal Trainer
12. Update Personal Trainer
13. View Trainers
14. Exit Gym

Please make selection:
```

Viewing All Trainers

```
Guns N' Poses Main Menu
1. Add New Customer:
2. Delete Customer:
3. Update Customer Information:
4. View Customers:
5. Add Class
6. Delete Class:
7. View Classes:
8. Add Trainers
9. Delete Trainer
10. Add Personal Trainer
11. Delete Prsonal Trainer
12. Update Personal Trainer
13. View Trainers
14. Exit Gym

Please make selection: 14
Exiting Gym, Goodbye!
BUILD SUCCESSFUL (total time: 11 minutes 13 seconds)
```

Exiting Gym