

Mario Soto
Caleb Parten
David Schmith

Part 4 Execution PDF

Data Base Selection:

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Enter database name: asdf
[INFO] Connection established: 3.45.1
=====
Connected to DB: asdf
=====

```

Main Menu:

```
Main Menu
-----
Please select from the below options using the number:
1. Members Menu
2. Classes menu
3. Equipment menu
4. Logout and Exit
-----
```

Members Menu:

```
Member Menu
-----
Please select from the below options using the number:
1. View All Members
2. Add a New Member
3. Update Member Information
4. Delete Member with ID
0. Return to Main Menu
```

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Display Members:

```
Member Menu
-----
Please select from the below options using the number:
1. View All Members
2. Add a New Member
3. Update Member Information
4. Delete Member with ID
0. Return to Main Menu
-----
Selection: 1
-----+-----+-----+-----+-----+-----+-----+-----+
| ID | Name           | E-mail           | Phone Number | Address                               | Age | Start Date | End Date |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 1  | David Schmith  | ds@mail.com      | 9998887777   | 124 Fake St. Nonexistent,NA 00000   | 21  | 2025-03-01 | 2026-03-01 |
| 2  | Mario Soto     | ms@mail.com      | 5552225555   | 125 Fake St. Nonexistent, NA 00000   | 21  | 2025-03-01 | 2026-03-01 |
| 4  | Adraïne Caldwell | ac@mail.com      | 5554443333   | 127 Fake St. Nonexistent,NA 00000   | 22  | 2025-03-01 | 2026-03-01 |
| 5  | Eduardo Ceh Varela | ecv@mail.com     | 7771117777   | 128 Fake St. Nonexistent,NA 00000   | 42  | 2025-03-02 | 2026-03-02 |
| 6  | Benjamin Caldwell | bc@mail.com      | 9991112222   | 129 Fake St. Nonexistent, NA 00000   | 25  | 2025-03-01 | 2025-04-01 |
| 7  | Austin Johnson  | aj@mail.com      | 5554444111   | 130 Fake St. Nonexistent, NA 00000   | 24  | 2025-03-01 | 2025-04-01 |
+-----+-----+-----+-----+-----+-----+-----+-----+
Press enter to return
```

Add New Member:

```
Member Menu
-----
Please select from the below options using the number:
1. View All Members
2. Add a New Member
3. Update Member Information
4. Delete Member with ID
0. Return to Main Menu
-----
Selection: 2
Add Member
Name: Test
E-mail: test@mail.com
Phone Number: 5055055050
Address: 123 Test St. Nonexistent, NA 00000
Age: 20
Start date (YYYY-MM-DD): 2025-05-04
End date (YYYY-MM-DD): 2026-05-04
-----+-----+-----+-----+-----+-----+-----+-----+
| Name | E-mail           | Phone Number | Address                               | Age | Start Date | End Date |
+-----+-----+-----+-----+-----+-----+-----+-----+
| Test | test@mail.com    | 5055055050   | 123 Test St. Nonexistent, NA 00000   | 20  | 2025-05-04 | 2026-05-04 |
+-----+-----+-----+-----+-----+-----+-----+-----+
This Member has been added to the database.
Press enter to return
```

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Update Member Information:

```
Member Menu
-----
Please select from the below options using the number:
1. View All Members
2. Add a New Member
3. Update Member Information
4. Delete Member with ID
0. Return to Main Menu
-----
Selection: 3
Edit Member
-----
Enter the Member ID (0 to return): 8
-----
+-----+-----+-----+-----+-----+-----+-----+-----+
| ID | Name | E-mail | Phone Number | Address | Age | Start Date | End Date |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 8 | Test | test@mail.com | 5055055050 | 123 Test St. Nonexistent, NA 00000 | 20 | 2025-05-04 | 2026-05-04 |
+-----+-----+-----+-----+-----+-----+-----+-----+

Which attribute would you like to change?
1. Name
2. E-mail
3. Phone Number
4. Address
5. Age
6. Start Date
7. End Date
Select the attribute you want to change (0 to return): 1
Enter the new value: Test Change
-----
+-----+-----+-----+-----+-----+-----+-----+-----+
| ID | Name | E-mail | Phone Number | Address | Age | Start Date | End Date |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 8 | Test Change | test@mail.com | 5055055050 | 123 Test St. Nonexistent, NA 00000 | 20 | 2025-05-04 | 2026-05-04 |
+-----+-----+-----+-----+-----+-----+-----+-----+

Member has been updated.
Press enter to return
```

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Delete Member

```
Member Menu
-----
Please select from the below options using the number:
1. View All Members
2. Add a New Member
3. Update Member Information
4. Delete Member with ID
0. Return to Main Menu
-----
Selection: 4
Delete Member
-----
Enter the Member ID (0 to return): 8

+-----+-----+-----+-----+-----+-----+-----+-----+
| ID | Name      | E-mail      | Phone Number | Address                                     | Age | Start Date | End Date |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 8  | Test Change | test@mail.com | 5055055050   | 123 Test St. Nonexistent, NA 00000 | 20  | 2025-05-04 | 2026-05-04 |
+-----+-----+-----+-----+-----+-----+-----+-----+

Please confirm the deletion of member with ID 8
Confirmation (yes/no): yes

+-----+-----+-----+-----+-----+-----+-----+-----+
| ID | Name      | E-mail      | Phone Number | Address                                     | Age | Start Date | End Date |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 8  | Test Change | test@mail.com | 5055055050   | 123 Test St. Nonexistent, NA 00000 | 20  | 2025-05-04 | 2026-05-04 |
+-----+-----+-----+-----+-----+-----+-----+-----+

Member with ID 8 has been deleted.
Press enter to return
```

Classes Menu

```
Class Menu
-----
Please select from the below options using the number:
1. Classes w/ Attendance
2. Add New Class
3. Update Class Information
4. Delete Class by ID
5. Find Members in Class by ID
0. Return to Main Menu
```

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List Classes and Attendance:

```
Class Menu
-----
Please select from the below options using the number:
1. Classes w/ Attendance
2. Add New Class
3. Update Class Information
4. Delete Class by ID
5. Find Members in Class by ID
0. Return to Main Menu
-----
Selection: 1

All Classes:
-----+-----+-----+-----+-----+-----+-----+-----+
| Class ID | Name           | Type   | Duration | Capacity | Instructor ID | Gym ID | Attendees |
-----+-----+-----+-----+-----+-----+-----+-----+
| 1         | Morning Yoga   | Yoga   | 60        | 20        | 1          | 1       | 1         |
| 2         | Zumba Dance    | Zumba  | 45        | 25        | 2          | 2       | 2         |
| 3         | HIIT Blast     | HIIT   | 30        | 15        | 1          | 3       | 1         |
| 4         | Strength Training | Weights | 75        | 10        | 4          | 4       | 1         |
| 5         | Afternoon Yoga | Yoga   | 60        | 20        | 5          | 5       | 0         |
-----+-----+-----+-----+-----+-----+-----+-----+

Press Enter to continue...
```

Add New Class:

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```
Class Menu
-----
Please select from the below options using the number:
1. Classes w/ Attendance
2. Add New Class
3. Update Class Information
4. Delete Class by ID
5. Find Members in Class by ID
0. Return to Main Menu
-----
Selection: 2
Enter Class Name: Test class
Enter Class Type (Yoga, Zumba, HIIT, Weights): Yoga
Enter Duration (in minutes): 30
Enter Class Capacity: 20
Enter Instructor ID (or leave blank): 5
Enter Gym ID (or leave blank): 5
Class added successfully.

Press Enter to continue...
```

Update Class Information:

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Class Menu

Please select from the below options using the number:

1. Classes w/ Attendance
 2. Add New Class
 3. Update Class Information
 4. Delete Class by ID
 5. Find Members in Class by ID
 0. Return to Main Menu
-

Selection: 3

All Classes:

Class ID	Name	Type	Duration	Capacity	Instructor ID	Gym ID
1	Morning Yoga	Yoga	60	20	1	1
2	Zumba Dance	Zumba	45	25	2	2
3	HIIT Blast	HIIT	30	15	1	3
4	Strength Training	Weights	75	10	4	4
5	Afternoon Yoga	Yoga	60	20	5	5
6	Test class	Yoga	30	20	5	5

Enter Class ID to update: 6

Editing Class: (6, 'Test class', 'Yoga', 30, 20, 5, 5)

New name (leave blank to keep 'Test class'): Test change

New type (leave blank to keep 'Yoga'):

New duration (leave blank to keep '30'): 45

New capacity (leave blank to keep '20'): 25

New instructor ID (leave blank to keep '5'):

New gym ID (leave blank to keep '5'):

Class updated.

Press Enter to continue...

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Delete Class:

```
Class Menu
-----
Please select from the below options using the number:
1. Classes w/ Attendance
2. Add New Class
3. Update Class Information
4. Delete Class by ID
5. Find Members in Class by ID
0. Return to Main Menu
-----
Selection: 4

All Classes:
+-----+-----+-----+-----+-----+-----+-----+
| Class ID | Name           | Type   | Duration | Capacity | Instructor ID | Gym ID |
+-----+-----+-----+-----+-----+-----+-----+
| 1        | Morning Yoga   | Yoga   | 60       | 20       | 1            | 1      |
| 2        | Zumba Dance    | Zumba  | 45       | 25       | 2            | 2      |
| 3        | HIIT Blast     | HIIT   | 30       | 15       | 1            | 3      |
| 4        | Strength Training | Weights | 75       | 10       | 4            | 4      |
| 5        | Afternoon Yoga | Yoga   | 60       | 20       | 5            | 5      |
| 6        | Test change    | Yoga   | 45       | 25       | 5            | 5      |
+-----+-----+-----+-----+-----+-----+-----+
Enter Class ID to delete: 6
Class 6 has been deleted.

Press Enter to continue...
```


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Find Members by Class:

```
Class Menu
-----
Please select from the below options using the number:
1. Classes w/ Attendance
2. Add New Class
3. Update Class Information
4. Delete Class by ID
5. Find Members in Class by ID
0. Return to Main Menu
-----
Selection: 5

All Classes:
+-----+-----+-----+-----+-----+-----+
| Class ID | Name           | Type   | Duration | Capacity | Instructor ID | Gym ID |
+-----+-----+-----+-----+-----+-----+
| 1         | Morning Yoga   | Yoga   | 60        | 20        | 1           | 1       |
| 2         | Zumba Dance    | Zumba  | 45        | 25        | 2           | 2       |
| 3         | HIIT Blast     | HIIT   | 30        | 15        | 1           | 3       |
| 4         | Strength Training | Weights | 75        | 10        | 4           | 4       |
| 5         | Afternoon Yoga | Yoga   | 60        | 20        | 5           | 5       |
+-----+-----+-----+-----+-----+-----+
Enter Class ID to view members: 1

Members in Class 1:
+-----+-----+-----+
| Member ID | Name       | Last Attendance |
+-----+-----+-----+
| 2         | Mario Soto | 2025-03-02     |
+-----+-----+-----+

Press Enter to continue...
```

Equipment Menu:

```
Equipment Menu
-----
Please select from the below options using the number:
1. Show All Equipment
2. Add New Equipment
3. Update Equipment Information
4. Delete Equipment by ID
0. Return to Main Menu
```

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Show All Equipment:

```
Equipment Menu
-----
Please select from the below options using the number:
1. Show All Equipment
2. Add New Equipment
3. Update Equipment Information
4. Delete Equipment by ID
0. Return to Main Menu
-----
Selection: 1
+-----+-----+-----+-----+
| ID | Name           | Type       | Quantity | Gym Location |
+-----+-----+-----+-----+
| 1 | Treadmills     | Cardio     | 5         | Portales NM  |
| 2 | Dumbbells      | Strength   | 20        | Clovis NM    |
| 3 | Resistance Bands | Flexibility | 15        | Roswell NM   |
| 4 | Foam Rollers   | Recovery   | 10        | Ruidoso NM   |
| 5 | Elliptical     | Cardio     | 3         | Melrose NM   |
+-----+-----+-----+-----+
Press enter to return
```

Add New Equipment

```
Equipment Menu
-----
Please select from the below options using the number:
1. Show All Equipment
2. Add New Equipment
3. Update Equipment Information
4. Delete Equipment by ID
0. Return to Main Menu
-----
Selection: 2
Add Equipment
Name: Test
Type (Cardio / Strength / Flexibility / Recovery): Cardio
Quantity: 1
GYM ID: 1
+-----+-----+-----+-----+
| Name | Type  | Quantity | Gym ID |
+-----+-----+-----+-----+
| Test | Cardio | 1         | 1       |
+-----+-----+-----+-----+
Equipment added successfully.
Press enter to return
```

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Update Equipment Information:

```
Equipment Menu
-----
Please select from the below options using the number:
1. Show All Equipment
2. Add New Equipment
3. Update Equipment Information
4. Delete Equipment by ID
0. Return to Main Menu
-----
Selection: 3
Edit Equipment
-----
Enter Equipment ID (0 to return): 6
+---+---+---+---+---+---+
| ID | Name | Type  | Quantity | Gym ID |
+---+---+---+---+---+---+
| 6  | Test | Cardio | 1         | 1       |
+---+---+---+---+---+---+

Which attribute would you like to update?
1. Name
2. Type
3. Quantity
4. Gym ID
Select (0 to return): 1
Enter new value: Test Change
Update successful.
Press enter to return
```

Delete Equipment:

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```
Equipment Menu
-----
Please select from the below options using the number:
1. Show All Equipment
2. Add New Equipment
3. Update Equipment Information
4. Delete Equipment by ID
0. Return to Main Menu
-----
Selection: 4
Delete Equipment
Enter Equipment ID to delete (0 to cancel): 6
Equipment deleted.
Press enter to return
```

Log Out and Close Connection:

```
Main Menu
-----
Please select from the below options using the number:
1. Members Menu
2. Classes menu
3. Equipment menu
4. Logout and Exit
-----
Selection: 4
```