ENMU Carwash Management System

User Guide

When the program initiates the user is greeted with a main menu. The program also creates

```
C:\Users\david\.jdks\corretto-11.0.17\bin\java.exe "-javaagent:C:\Program
---------------------------------------------
ENMU Carwash Management System
---------------------------------------------

Main Menu
1: Appointments
2: Clients
3: Employees
4: Services
5: Sales
6: EXIT

To select an option, enter the corresponding number:
```

dummy information to be used as an example.

The main menu prompts the user to enter a number that corresponds to a submenu on the main menu. They can also enter 6 which will end the program.

There are 5 different submenus. When the user enters a correct number, the program will enter that submenu.

```
To select an option, enter the corresponding number: 1

---------------------------------------------
Appointments

You have selected the option 'Appointments'.

1: Create Appointment
2: Delete Appointment
3: Modify Appointment
4: View Appointment Info
5: View List of Appointments
6: Return to the Main Menu
```

Inside of the submenu the user is given option to create, delete, modify, or read the date in the option that they chose. They also have the option to return to the main menu.

To show an example of creating data, we will use the client submenu.

```
---------------------------------------------
Clients

You have selected the option 'Clients'.

1: Create Client
2: Delete Client
3: Modify Client
4: Change Client's Membership tier
5: Add Client's Cars
6: Remove Client's Cars
7: Modify Client's Cars
8: View Client Info
9: View List of Clients
10: Return to the Main Menu

To select an option, enter the corresponding number: 1

---------------------------------------------


Enter the name of the new client: Mike Clover
Enter the new client's phone number: 575 735 6789
Enter the new client's email: mikeclover@gmail.com
```

In the example above to create data for the client the program prompts the user to enter the information they want to assign to the new client that they are creating. After all of the information is created, the program creates the client and stores it. Then the user presses enter again and is brought back to the “Client” submenu. From there the user can view the new information they added by either searching by selecting “View Client Info” or by choosing “View List of Clients”.

```
To select an option, enter the corresponding number: 9

---------------------------------------------

|               Name:|          Membership|        Phone Number|                                   Email:|
|               Cars:|

|           John Doe|                None|          5751234567|                  johndoe123@gmail.com|
2016 Dodge Coupe

|       Mary Johnson|                None|          5752345678|              maryjohnson1232gmail.com|
2015 Honda Sedan

|        Mike Clover|                None|        575 735 6789|                  mikeclover@gmail.com|
```

The screenshot above shows the report of clients that are in the system with the cars that have been assigned to them.

When the user chooses to delete information they can search for the specific information they want to delete. Using the client submenu as an example again, the user chooses the second option “Delete Client”. The program then prompts them to enter the name of the client they want to delete.

```
---------------------------------------------

|              Name:|          Membership|        Phone Number|                                  Email:|
|              Cars:|

|           John Doe|                None|          5751234567|                   johndoe123@gmail.com|
2016 Dodge Coupe

|       Mary Johnson|                None|          5752345678|               maryjohnson1232gmail.com|
2015 Honda Sedan

|         Mike Clover|               None|          5757256789|                   mikeclover@gmail.com|
Enter the name of the client you want to delete: Mike Clover
The client, Mike Clover, has been removed.
```

If the user wants to modify information they can choose the modify option in the submenu. Using the service submenu as an example, the user can choose to modify a service’s information. They enter the name of the service they want to modify and then enter the updated information. The updated information will then be stored and the old information will be deleted.

```
|               Name:||         Description||             Price:|
|Exterior Wash|
--------------------------------
|The Exterior wash cleans the outside of the vehicle.|
|$50.00|

|Interior Clean|
--------------------------------
|The Interior Clean makes the interior of the car spotless.|
|$100.00|
Enter the name of the service you want to modify: Exterior Wash
New Name: Exterior Clean
New Description:
The exterior clean leaves the outside of the vehicle spotless.
New Price: 50
```

The user can then view their changes by choosing “View List of Services”.

```
---------------------------------------------


|                Name:||         Description||             Price:|
|Exterior Clean|
--------------------------------
|The exterior clean leaves the outside of the vehicle spotless.|
|$50.00|

|Interior Clean|
--------------------------------
|The Interior Clean makes the interior of the car spotless.|
|$100.00|


---------------------------------------------
```

The user can create a sale by entering a sale ID, client, service, and the amount of the service sold.

```
To add a sale:
Enter an ID number for the Sale: 1
Enter the client's name: John Doe
Enter the Service sold: Exterior Clean
Enter the amount of products sold: 3

---------------------------------------------
Sales

You have selected the option 'Sales'.

1: Create Sale
2: Delete Sale
3: View Service Sales
4: View List of Sales
5: Return to the Main Menu

To select an option, enter the corresponding number: 4

---------------------------------------------

|             ID:|          Client:|          Product:|      # of Products|   Price of Product:|   Discount Applied:|      Total Amount:|
|               1|         John Doe|    Exterior Clean|                  3|$              50.00|                0.00|$             150.00|
|               2|     Mary Johnson|    Interior Clean|                  1|$             100.00|                0.00|$             100.00|

---------------------------------------------
```

If the user has assigned a membership tier by selecting the option in the client submenu, the discount associated with that member tier will be applied to the sale.

When the user is done with the program they can navigate back to the main menu and select the sixth option to exit the program.