

# Instruction Guide for Veterinary Clinic Management System

## HOW TO USE MAIN MENU:

The main menu has 5 options:

1. Clients
2. Employees
3. Services
4. Appointments
5. Exit

```
MAIN MENU
1. Clients
2. Employees
3. Services
4. Appointments
5. Quit
█
```

**Option 1:** Clients – will navigate through the client's menu

```
MAIN MENU
1. Clients
2. Employees
3. Services
4. Appointments
5. Quit
1
CLIENT MENU
1. Add
2. Delete
3. Display
4. Modify
5. Main Menu
```

**Option 2:** Employees – will navigate through the employee's menu

```
MAIN MENU
1. Clients
2. Employees
3. Services
4. Appointments
5. Quit
2
EMPLOYEE MENU
1. Add
2. Delete
3. Display
4. Modify
5. Main Menu
```

**Option 3:** Services – will navigate through the services menu

```
MAIN MENU
1. Clients
2. Employees
3. Services
4. Appointments
5. Quit
3
SERVICES MENU
1. Add
2. Delete
3. Display
4. Modify
5. Main Menu
```

**Option 4:** Appointments – will navigate through the appointments menu

```
MAIN MENU
1. Clients
2. Employees
3. Services
4. Appointments
5. Quit
4
APPOINTMENTS MENU
1. Add
2. Delete
3. Display
4. Modify
5. Main Menu
```

**Option 5:** Exit – will terminate the program

```
MAIN MENU
1. Clients
2. Employees
3. Services
4. Appointments
5. Quit
5
Option Quit
Bye
```

## **PRELOADED INFORMATION**

All this information has been preloaded into the system through the main method. This information is especially useful to have for the appointment class and menu option.

### **Preloaded Clients:**

	Client ID	First Name	Last Name	Pet Type
C1	1000	Mary	Brown	Dog
C2	1001	Cam	Martinez	Dog
C3	1002	Gracie	Lopez	Cat
C4	1003	Richard	Beck	Cat

### **Preloaded Employees:**

	Employee ID	Name	Job Title	Work Days	Services
E1	3000	Kaylee Dons	Doctor	MWF	Surgery, Fecal Test
E2	3001	Josh Morgan	Doctor	MTRF	Cut Nails, Fecal Test
E3	3002	Savannah Griego	Tech	TWRF	Cut Nails, Pet Vaccination
E4	3003	Heather Salazar	Receptionist	MTWRF	File Papers

### **Preloaded Services:**

	Service ID	Service	Service Fee (\$)
S1	2000	Pet Vaccination	40
S2	2001	Fecal Test	60
S3	2002	Cut Nails	20
S4	2003	Surgery	500

### **Preloaded Appointments:**

	Appointment ID	Client ID	Employee ID	Service ID	Day	Time (b/t 08:00 – 16:00)
A1	4000	1000	3002	2002	T	09:00
A2	4001	1003	3000	2003	F	12:00
A3	4002	1001	3001	2000	M	13:00

# HOW TO USE THE CLIENTS, EMPLOYEES, SERVICES, AND APPOINTMENTS MENU

The main menu provides a total of 5 options. Options 1-4 will direct the user to another separate menu specific to the option chosen. Option 5 on the main menu will cause the program to end. Each secondary menu for options 1-4 of the main menu will be similar in the sense it will provide 4 of the same options: Add, Delete, Display, and Modify. Although the options are similar for each secondary menu there will be differing outputs based on the option that the user chose from the main menu. The 5th option of these secondary menus will be to return to the main menu.

I will show an example of going through each option for the Appointment Menu, which is option 4 on the main menu.

```
MAIN MENU
1. Clients
2. Employees
3. Services
4. Appointments
5. Quit
4
APPOINTMENTS MENU
1. Add
2. Delete
3. Display
4. Modify
5. Main Menu
```

## Option 1: Add Appointment

- This option will add an appointment to the already existing appointments, it will first prompt the user to input an appointment id that would like to be added.
- If the user enters an appointment id that already exists, the system will tell the user that and return to the appointment menu.

```
APPOINTMENTS MENU
1. Add
2. Delete
3. Display
4. Modify
5. Main Menu
1
Enter appointment ID you want to add:
4000
Appointment already exists.
APPOINTMENTS MENU
```

- If the user enters an appointment id that doesn't already exist, the program will then prompt the user to type in the service ID wanting to receive, the client ID that is making the appointment, the employee ID to perform the appointment, the day the user would like to book appointment, and the time the user would like to book appointment.
- After all that info is entered, the program will then ask the user if they'd like to add another appointment. If yes, the process above will be repeated, otherwise the program will return to the appointment menu.

Note: For appointment menu specifically, when picking an employee id, if the service chosen isn't offered by that employee it will state that and have you pick another employee id.

```

1
Enter appointment ID you want to add:
4005
Enter service ID you want to receive at appointment from the following list:
[2000, 2001, 2002, 2003]
2003
Enter client ID that you want to book appointment with from the following list:
[1000, 1001, 1002, 1003]
1001
Enter employee ID that you want to book an appointment with from the following list:
[3000, 3001, 3002, 3003]
3001
The employee chosen doesn't offer service requested.
Please choose a different employee ID.
Enter employee ID that you want to book an appointment with from the following list:
[3000, 3001, 3002, 3003]
3000
Enter day you want to book appointment from the following list:
[Monday, Wednesday, Friday]
Monday
Enter time you want to book appointment (b/t 08:00 and 16:00):
08:00
The appointment has been added.
Would you like to add another appointment? Y/N
N
Returning to appointment menu.

```

### **Option 2:** Delete Appointment

- This option will delete an already existing appointment, it will first prompt the user to enter the appointment id you would like deleted.
- If the appointment id doesn't exist, the program will tell the user and return to the appointment menu. If the appointment id does exist, it will then tell the user that and will delete that appointment accordingly.

```

4
APPOINTMENTS MENU
1. Add
2. Delete
3. Display
4. Modify
5. Main Menu
2
Enter appointment ID you want to delete:
4003
Appointment does not exist.

```

- Once deleted the program will then ask the user if they would like to delete another appointment. If yes, the steps above will execute again, otherwise the program will return to the appointment menu.

```

2
Enter appointment ID you want to delete:
4000
Appointment exists.
Appointment has been removed.
Would you like to remove another appointment? Y/N
N
Returning to appointment menu.
APPOINTMENTS MENU

```

### Option 3: Display Appointments

- This is option 3, which is responsible for displaying all the appointments that already exist.
- In this option each appointment will be displayed separately and all information for each appointment will be displayed as shown below.
- Once info is displayed the program returns to the appointment menu.

```

APPOINTMENTS 1 DISPLAYED
Appointment ID: 4000
Service ID to be performed at appointment: 2002
Client ID of client wanting appointment: 1000
Employee ID of employee to perform appointment: 3002
Day of appointment: Tuesday
Time of appointment: 09:00

```

```
APPOINTMENTS 2 DISPLAYED
Appointment ID: 4001
Service ID to be performed at appointment: 2003
Client ID of client wanting appointment: 1003
Employee ID of employee to perform appointment: 3000
Day of appointment: Friday
Time of appointment: 12:00

APPOINTMENTS 3 DISPLAYED
Appointment ID: 4002
Service ID to be performed at appointment: 2000
Client ID of client wanting appointment: 1001
Employee ID of employee to perform appointment: 3001
Day of appointment: Monday
Time of appointment: 13:00
```

#### **Option 4:** Modify Appointment

- The next option, option 4, is to modify a pre-existing appointment. This option will first prompt the user to enter an appointment id to modify.
- If the appointment id entered does not exist, the program will return to the appointment menu.

```
APPOINTMENTS MENU
1. Add
2. Delete
3. Display
4. Modify
5. Main Menu
4
Enter appointment ID you want to modify info for:
4005
Appointment does not exist.
APPOINTMENTS MENU
```

- If the appointment id does exist it will then prompt the user to enter a new service ID wanting to receive, new client ID that is making the appointment, new employee ID to perform the appointment, new day the user would like to book appointment, and new time the user would like to book appointment.



- After all that info is entered, the program will then ask the user if they'd like to modify another appointment. If yes, the process above will be repeated, otherwise the program will return to the appointment menu.

```
4
Enter appointment ID you want to modify info for:
4000
Appointment exists.
Appointment ID: 4000
Enter new service ID to be performed at appointment from the following list:
[2000, 2001, 2002, 2003]
2001
Enter new client ID that wants to book appointment from the following list:
[1000, 1001, 1002, 1003]
1002
Enter new employee ID that you want to book an appointment with from the following list:
[3000, 3001, 3002, 3003]
3002
The employee chosen doesn't offer service requested.
Please choose a different employee ID.
Enter new employee ID that you want to book an appointment with from the following list:
[3000, 3001, 3002, 3003]
3001
Enter new day you want to book appointment:
[Monday, Tuesday, Thursday, Friday]
Tuesday
Enter new time you want to book appointment:
10:00
The appointment has been added.
Would you like to modify another appointment? Y/N
N
Returning to appointment menu.
```

### Option 5: Main Menu

- The last option, option 5, will return the user from the appointment menu to the main menu.

```
APPOINTMENTS MENU
1. Add
2. Delete
3. Display
4. Modify
5. Main Menu
5
Continue to main menu.
MAIN MENU
1. Clients
2. Employees
3. Services
4. Appointments
5. Quit
```

**Note:** If an option is typed in that is not in the menu it will tell the user that it was an invalid option and will return to the previous menu.

The example only went through the appointment menu specifically, but the rest of the menus (client, employee, services) all work similar they just each have different prompts based off the info needed.