

# User Manual – Dental Clinic

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## Main Menu

When the program starts, the following menu appears:

```
Welcome to our Dental Clinic
Choose an option:
1. Login
2. Register
0. Exit
```

## Registration Menu

To register a new user, select option 2. Then, you will be asked to choose the type of user to register:

```
Register as:
1. Patient
2. Clinician
3. Supplier
```

## Registering as a Patient

After choosing option 1 (Patient), the system will ask for the following details:

```
Introduce mail:
Introduce password:
Enter name:
Enter surname:
Enter date of birth - yyyy-mm-dd:
```

If the registration is successful, the system displays:

```
Patient added successfully.
Registration successful. Please login from the main menu.
```

Then, it returns to the **Main Menu**.

## Registering as a Clinician

After choosing option 2 (Clinician), the system will ask for the following details:

```
Introduce mail:
Introduce password:
Enter name:
Enter surname:
Enter speciality:
Enter phone number:
```

If the registration is successful, the system displays:

```
Clinician added successfully.
Registration successful. Please login from the main menu.
```

Then, it returns to the **Main Menu**.

## Registering as a Supplier

After choosing option 3 (Supplier), the system will ask for the following details:

```
Introduce mail:
Introduce password:
Enter supplier name:
Enter phone:
```

If the registration is successful, the system displays:

```
Supplier added successfully.
Registration successful. Please login from the main menu.
```

Then, it returns to the **Main Menu**.

## Login Menu

To log in to a user's account, select option 1. Then, the system will ask for the following details:

```
Introduce mail:
Introduce password:
```

If the credentials are incorrect or the user does not exist, you will see:

```
There is no account with that username or password
```

If the login is successful, the system displays:

```
Login Successful!
```

and then you will be redirected to your user menu based on your role.

## Patient Menu

After successful login as a Patient, the following menu appears:

```
Patient menu
Choose an option:
1. Profile
2. Appointments
3. Log Out
```

Based on the option you've chosen, you will be directed to the corresponding menu. Keep in mind that option 3 (Log Out) will return you to the **Main Menu**.

## Clinician Menu

After successful login as a Clinician, the following menu appears:

```
Clinician menu
Choose an option:
1. Profile
2. Appointments
3. Treatments
4. Export Clinician to XML
5. Import Clinician from XML
6. Delete Clinician without User
7. Log Out
```

Based on the option you've chosen, you will be directed to the corresponding menu. Keep in mind that option 7 (Log Out) will return you to the **Main Menu**.

## Supplier Menu

After successful login as a Supplier, the following menu appears:

```
Supplier menu
Choose an option:
1. Profile
2. Materials
3. Log Out
```

Based on the option you've chosen, you will be directed to the corresponding menu. Keep in mind that option 3 (Log Out) will return you to the **Main Menu**.

## Profile Menu

Accessible to **Patients**, **Clinicians**, and **Suppliers** by selecting "Profile" from their menus.

```
Profile menu
Choose an option:
1. Edit Profile
2. Delete Profile
3. Go back
```

**Option 1:** The user will be asked to choose which part of their account they want to modify

If the user is a Patient, the following message will appear:

```
What do you want to modify:
1. Name
2. Surname
3. Phone
4. Credit Card
5. Email
6. Password
```

Depending on the option chosen, it will ask to enter the new value of that specific option.

```
Enter new name:
Enter new surname:
Enter new phone:
Enter new credit_card:
Enter new email:
Enter new password:
```

If the update was successfully, the system shows:

Patient updated

If an error occurs:

Error modifying patient.

If the user is a Clinician, the following message will appear:

```
What do you want to modify:  
1. Name  
2. Surname  
3. Phone  
4. Specialty  
5. Email  
6. Password
```

Depending on the option chosen, it will ask to enter the new value of that specific option.

Enter new name:  
Enter new surname:  
Enter new phone:  
Enter new specialty:  
Enter new email:  
Enter new password:

If the update was successfully, the system shows:

Clinician updated

If an error occurs:

Error modifying clinician.

If the user is a Supplier, the following message will appear:

```
What do you want to modify:  
1. Name  
2. Phone  
3. Email  
4. Password
```

Depending on the option chosen, it will ask to enter the new value of that specific option.

Enter new name:  
Enter new phone:  
Enter new email:  
Enter new password:

If the update was successfully, the system shows:

Supplier updated

If an error occurs:

Error modifying supplier.

**Option 2:** Deletes the user's profile and if its a patient or a clinician, the appointments will be deleted as well. If the user is a supplier, their material will also be deleted.

If the user's account was deleted successfully, the following message will appear:

For a patient: Your patient profile has been deleted.

For a clinician: Your supplier profile has been deleted.

For a supplier: Your clinician profile has been deleted.

If there was an issue deleting the user's account, the following message will appear:

For a patient: Error deleting patient.

For a clinician: Error deleting clinician.

For a supplier: Error deleting supplier.

**Option 3:** Returns to the previous menu (Patient Menu/Clinician Menu/ Supplier Menu).

## Appointments Menu

Accessible to **Patients** and **Clinicians** by selecting “Appointments” from their menus.

```
Appointment menu
Choose an option:
1. Book a new Appointment
2. Modify an Appointment
3. Cancel an Appointment
4. Show List of Appointments
5. Go back
```

### Option 1: Creates a new appointment booking

The user will need to enter the following information about the appointment:

Enter appointment date (yyyy-MM-dd):

Enter comment:

Enter treatment id:

If it's a patient, the clinician id will be asked:

Enter clinician id:

If it's a clinician, the patient id will be asked:

Enter patient id:

If the input was wrong:

Error reading input.

If the appointment was added:

Appointment added successfully.

### Option 2: According to the type of user, you'll be asked to choose what you'd like to modify

A patient will have these options:

```
What do you want to modify:
1. date
2. comments
3. clinician
```

Depending on the option chosen by the user, one of these messages will appear and the user will fill in the updated data:

Enter new date for the appointment (yyyy-MM-dd):

Enter new comments:

Enter new Clinician ID:

If the input was wrong:

Error modifying Appointment.

If the appointment was added:

Appointment updated.

A clinician will have these options:

```
What do you want to modify:  
1. date  
2. comments  
3. patient  
4. treatment
```

Depending on the option chosen by the user, one of these messages will appear and the user will fill in the updated data:

Enter new date for the appointment (yyyy-MM-dd):

Enter new comments:

Enter new Patient ID:

Enter new Treatment ID:

If the input was wrong:

Error modifying Appointment.

If the appointment was added:

Appointment updated.

**Option 3:** Deletes an appointment.

The user will need to select which appointment they'd like to cancel:

Enter ID of appointment to delete:

If the input was wrong:

Invalid Input.

If the appointment was added:

Appointment deleted.

**Option 4:** Displays list of all appointments for the specific user.

If there aren't any appointments or the appointments can't be found, this message will appear:

No appointments found.

**Option 5:** Returns to the previous menu (Patient Menu/Clinician Menu).

## Treatment Menu

Accessible to **Clinicians** by selecting “Treatments” from their menus.

```
Treatment menu
Choose an option:
1. Create a new Treatment
2. Remove a Treatment
3. Modify a Treatment
4. Show List of Treatments
5. Go back
```

**Option 1:** Creates a new treatment.

The clinician will be asked to fill in the following information about the new treatment:

Enter treatment name:

Enter description:

Enter price:

Enter the IDs of the materials to use (comma separated), or leave blank to skip:

If the treatment was added correctly this message will appear:

Treatment added successfully.

If there was a problem with the data added, the system will print out:

Error reading input.

**Option 2:** Deletes a treatment.

The user will be asked to do the following thing:

Enter ID of treatment to delete:

If the treatment was deleted correctly this message will appear:

Treatment deleted.

If the treatment id isn't right, the system will print out:

Invalid input.

**Option 3:** Modifies an existing treatment.

First, the user will need to choose which treatment they'd like to update:

Enter treatment ID to modify:

Then, the user can choose which part of the treatment information they'd like to change:

What do you want to modify:

1. Name
2. Description
3. Price
4. Materials

Depending on the chosen number, the user will need to enter the new data:

Enter new name for the treatment:

Enter new description for the treatment:

Enter new price for the treatment:

Enter new materials for the treatment:

Enter the IDs of the materials to use (comma separated), or leave blank to skip:

If the treatment was updated correctly, this will be printed out:

Treatment updated successfully.

If there was an error with the input this message will appear:

Invalid input.

**Option 4:** Displays all treatments.

**Option 5:** Returns to Clinician Menu.



## Materials Menu

Accessible to **Suppliers** by selecting “Materials” from their menus.

```
Material menu
Choose an option:
1. Add new Material
2. Modify a Material
3. Remove a Material
4. Show List of Materials
5. Export Material to XML
6. Import Material from XML
7. Go back
```

**Option 1:** Creates a new material.

The supplier will be asked to fill in the following information about the new material:

Enter material name:

If the material was added correctly this message will appear:

Material added successfully.

If there was a problem with the data added, the system will print out:

Error reading input.

**Option 2:** Deletes a material.

The user will be asked to do the following thing:

Enter ID of material to delete:

If the material was deleted correctly this message will appear:

Material deleted.

If the material id isn't right, the system will print out:

Invalid input.

**Option 3:** Modifies an existing material.

First, the user will need to choose which material they'd like to update:

Enter material ID to modify:

Then, the user can only detect the material name, not the treatments nor the supplier:

Enter new name (+ materialToModify.getName() +):

If the material was updated correctly, this will be printed out:

Material added successfully.

If there was an error with the input this message will appear:

Invalid input.

**Option 4:** Displays all the materials from that specific supplier.

**Option 5:** Exports the materials that has already been created to the XML

The following message will be printed:

Exporting material to XML...

If the supplier doesn't have any materials yet, this message will appear:

No materials found for this supplier.

Otherwise, the user will be able to choose the material they want to export:

Select a material to export by ID:

If the input was wrong:

Invalid input. Please enter a number.

If the material was exported to the XML:

Export successful.

**Option 6:** Imports the materials needed from the XML

The following message will be printed:

Importing material from XML...

If the file isn't accessed right, this message will appear:

File not found

Or if the supplier cant be found:

Supplier from XML not found. Assigned material to current supplier: + currentSupplier.getEmail()

If the import was unsuccessful:

Failed to import material from XML.

If the material was exported to the XML:

Import successful.

**Option 7:** Returns to **Supplier Menu**.

### **Log Out:**

This option will simply send you back to the dental clinic main menu. There, you'll be able to choose once again if you want to register/login/exit the program.