

# USER GUIDE



# AD HEALTH

## Healthcare Appointment Management Database

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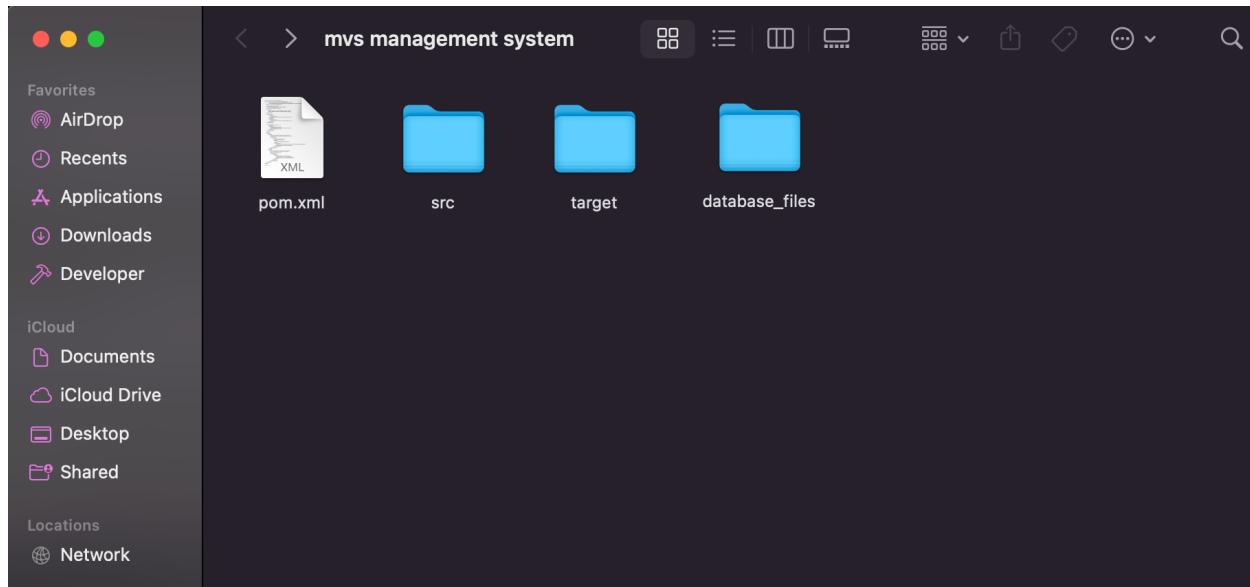
## 1. Introduction

Welcome to the user guide for AD HEALTH Healthcare Appointment Management Database. This document is designed to help you set up and effectively use our application. Please read through each section carefully and follow the instructions step by step.

## 2. Prerequisites

Before you begin, ensure you have the following installed:

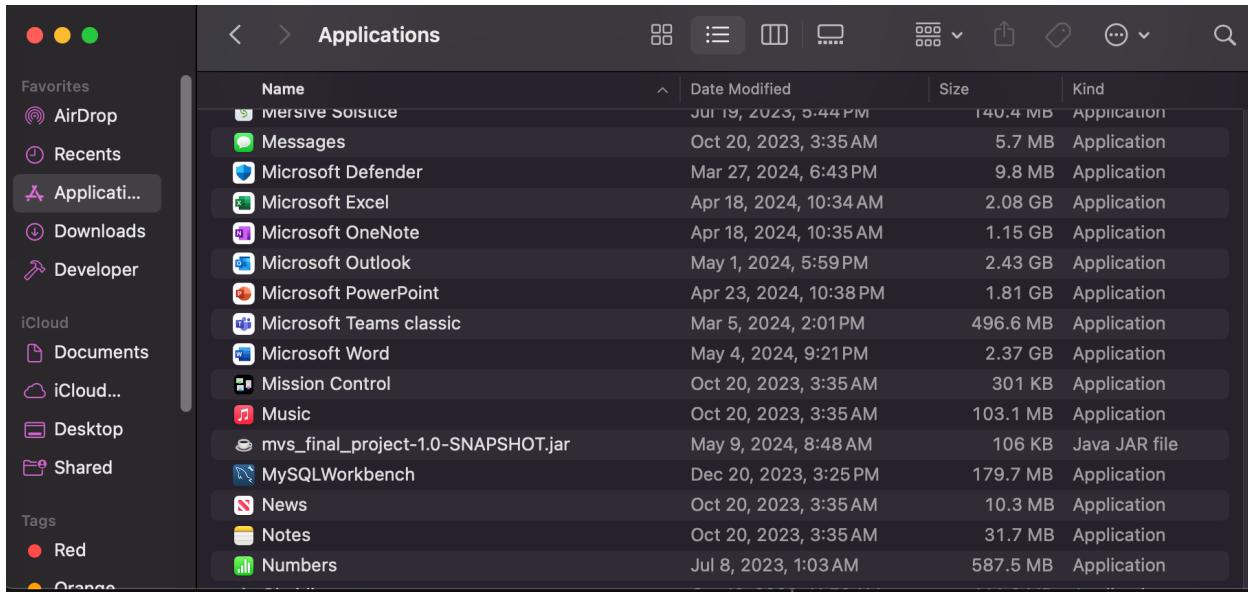
- MySQL Workbench
- Project Files



## 3. Setting Up the Database

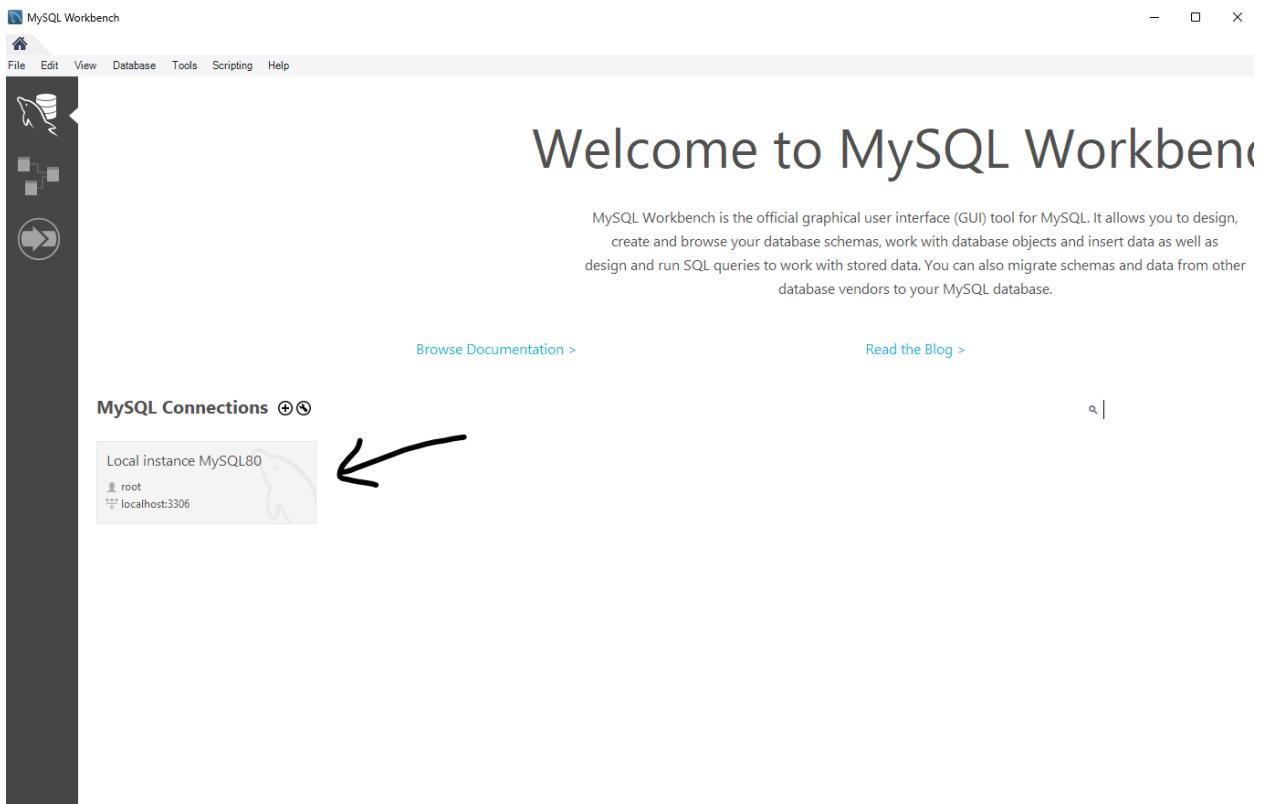
### Step 1: Launch MySQL Workbench

- Open MySQL Workbench from your applications folder or start menu.



## Step 2: Establish Connection

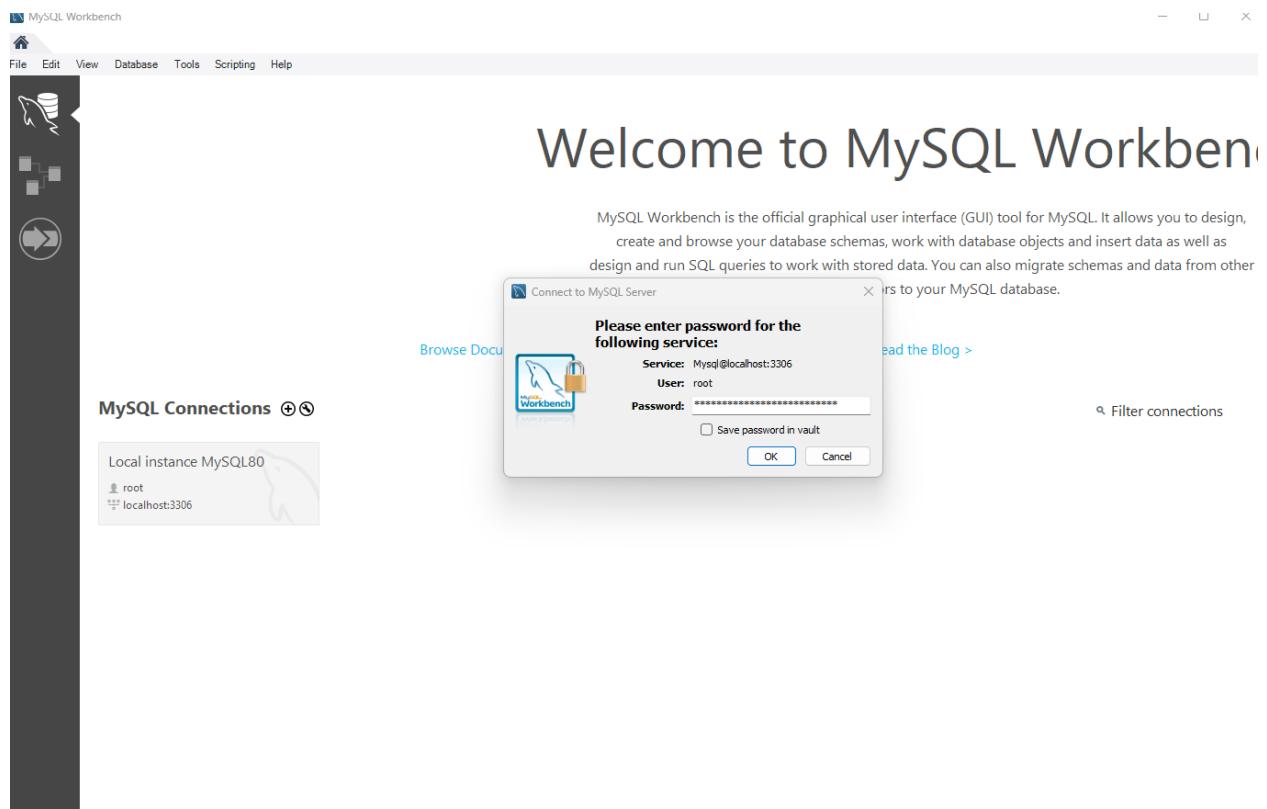
- Click on the 'Local instance' connection to initiate.



## Step 3: Login

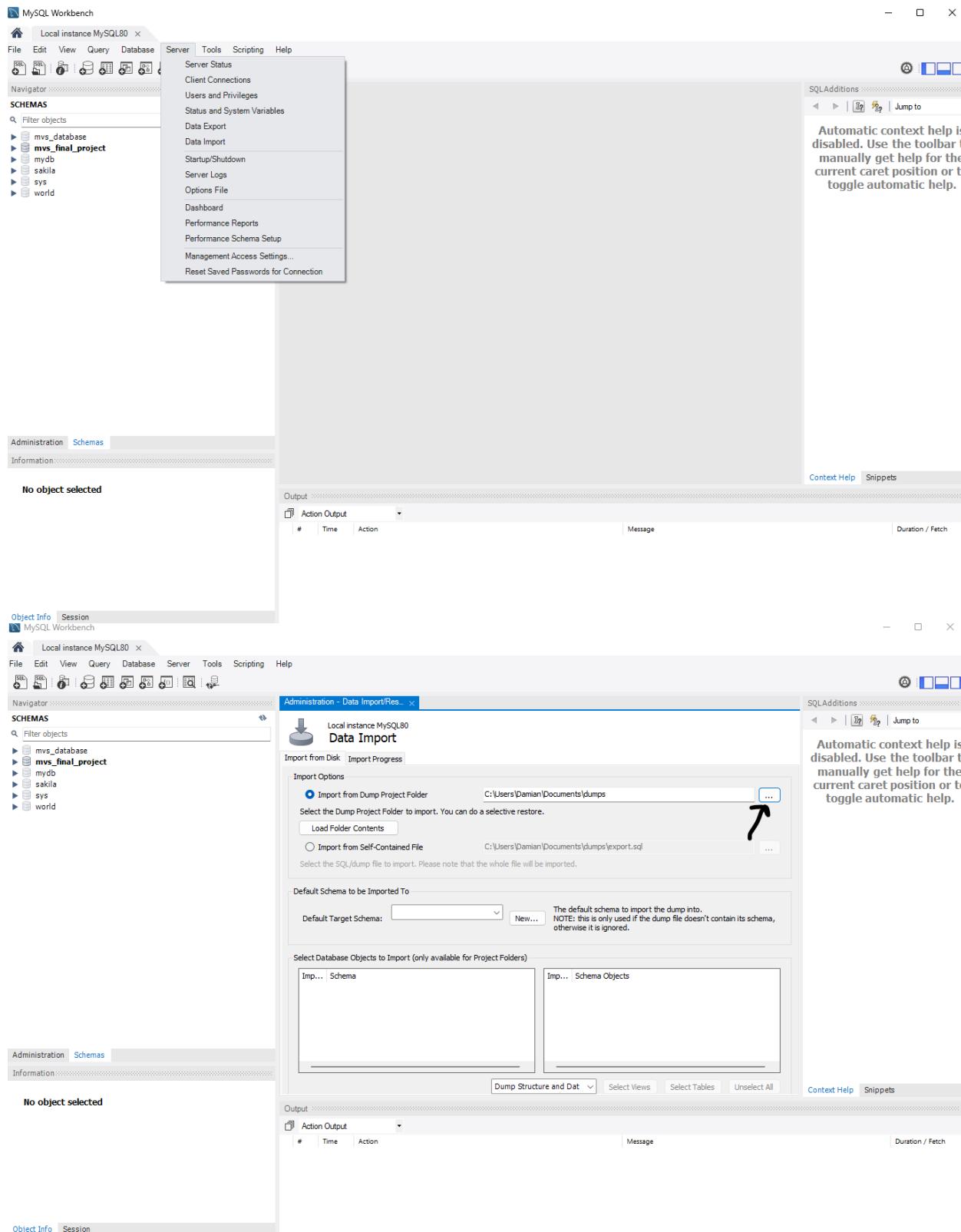
- Enter the password you have set up for the root connection to authenticate.

## AD Health - Healthcare Appointment Management Database

**Step 4: Import Database**

- Navigate to the 'Server' dropdown menu and select 'Data Import'.
- Choose the downloaded .sql file of our database.

## AD Health - Healthcare Appointment Management Database

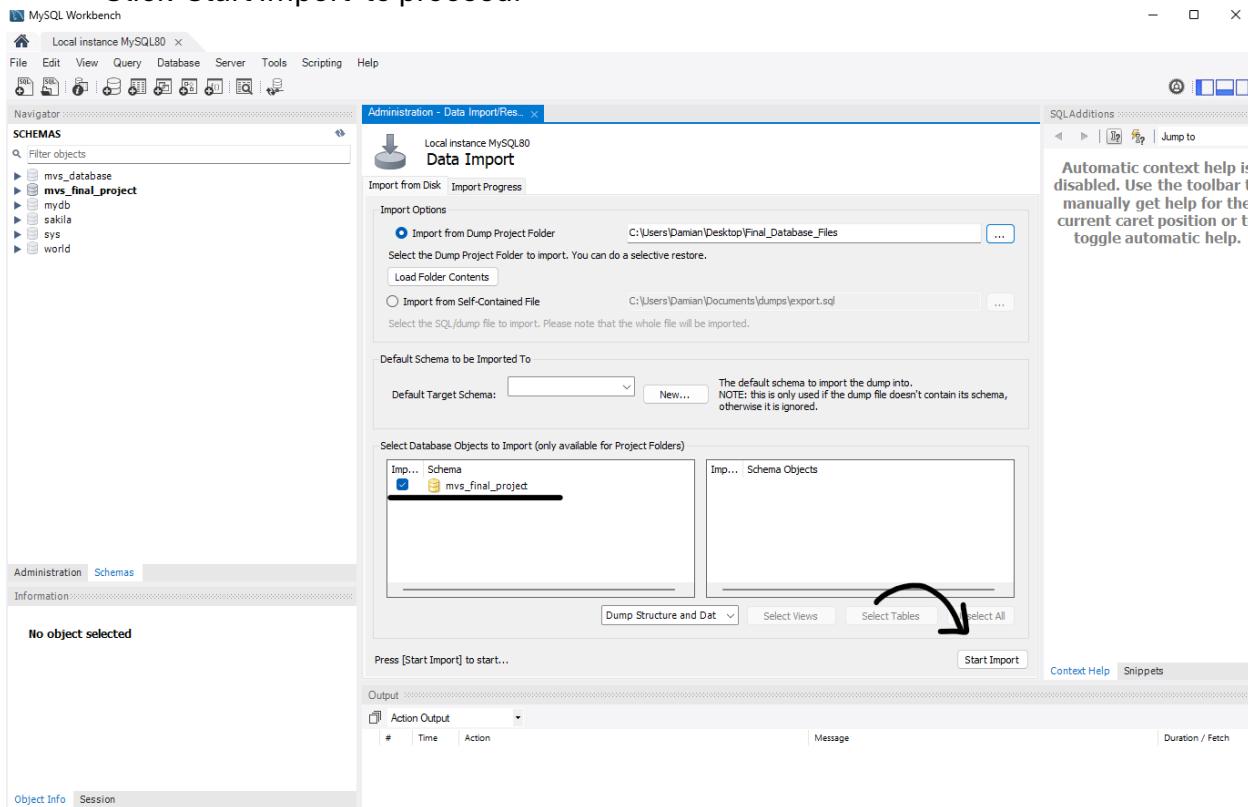


### Step 5: Verify File Selection

- Ensure the correct folder is selected and its contents are displayed.

## AD Health - Healthcare Appointment Management Database

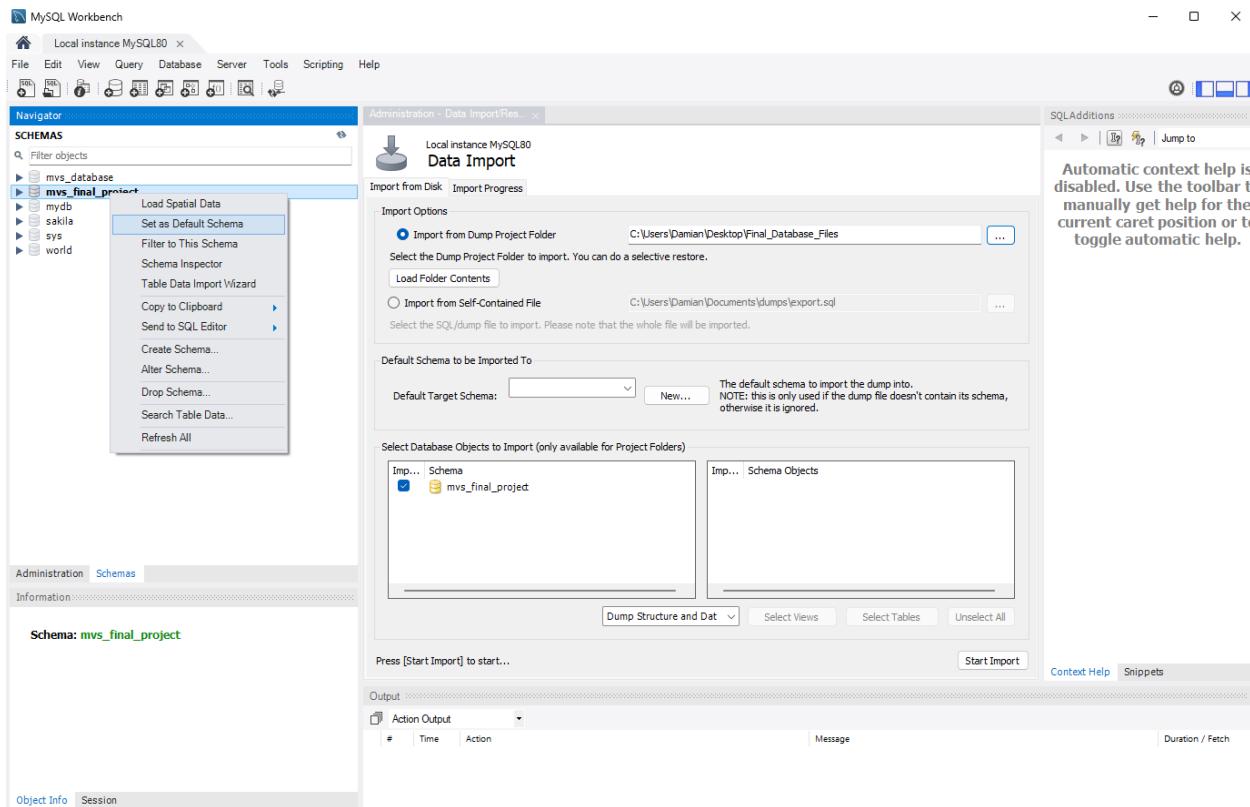
- Click 'Start Import' to proceed.



### Step 6: Set Default Schema

- After the import, refresh the 'Schemas' tab.
- Right-click on the newly imported schema and select 'Set as Default'.

## AD Health - Healthcare Appointment Management Database



### Step 7: Check Server Status

- Click on 'Server Status' under the 'Server' dropdown in the navigation bar to confirm the server is running on your localhost.

Socket: **MySQL**  
 Port: **3306**

### Available Server Features

Performance Schema:	<input checked="" type="radio"/> On	Windows Authentication:	<input type="radio"/> Off
Thread Pool:	<input type="radio"/> n/a	Password Validation:	<input type="radio"/> n/a
Memcached Plugin:	<input type="radio"/> n/a	Audit Log:	<input type="radio"/> n/a
Semisync Replication Plugin:	<input type="radio"/> n/a	Firewall:	<input type="radio"/> n/a
SSL Availability:	<input checked="" type="radio"/> On	Firewall Trace:	<input type="radio"/> n/a

---



**Server Status**  
**Running**



**CPU/Load**  
**2%**



**Connections**  
**4**



**Traffic**  
**5.32 KB/s**



**Key Efficiency**  
**0.0%**



**Selects per Second**  
**0**



**InnoDB Buffer Usage**  
**16.8%**



**InnoDB Reads per Second**  
**0**



**InnoDB Writes per Second**  
**0**

## 4. Configure User Settings

### Step 1: Adjust User Privileges

- Navigate to 'Users and Privileges'.
- Add a default user to enable database login via the application following the screenshot below.
- For testing purposes, set the user's password to 'Password123!' (Note: For our project testing this is a requirement that you follow the exact password listed here).

Administration - Users and Privileges

Local instance MySQL80  
Users and Privileges

User Accounts

User	From Host
mysql.infoschema	localhost
mysql.session	localhost
mysql.sys	localhost
root	localhost

Select an account to edit or click [Add Account] to create a new one

Login    Account Limits    Administrative Roles    Schema Privileges

Login Name:  You may create to connect from

Authentication Type:  For the standard select 'Standard'

Limit to Hosts Matching:  % and \_ wildcards

Password:  Type a password

Consider using a password with 8 or more characters with mixed case letters, numbers and punctuation marks.

Confirm Password:  Enter password

Expire Password

Add Account    Delete    Refresh    Revert    Apply

**Step 2: Assign Administrative Roles**

- Open the 'Administrative Roles' tab.
- Select all roles.
- Click 'Apply' to save changes.

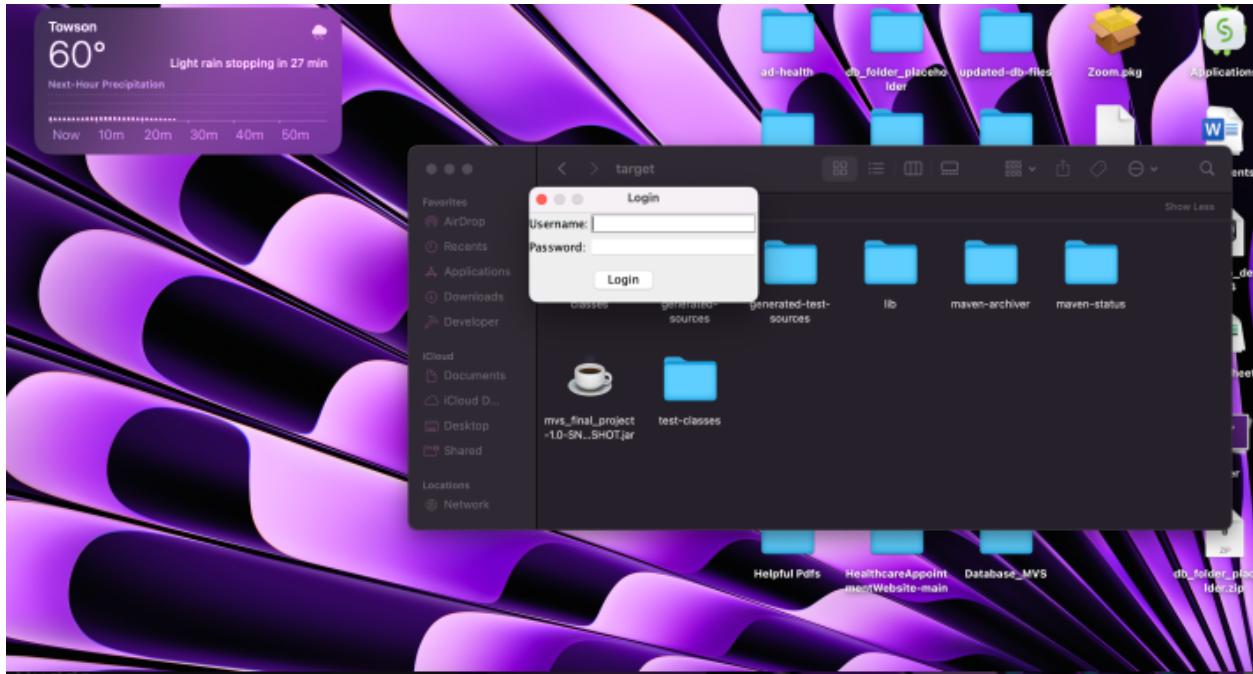
The screenshot shows the 'Administration - Users and Privileges' window in MySQL Workbench. The title bar indicates 'Local instance MySQL80'. The main area is titled 'Users and Privileges' with a user icon. On the left, a table lists existing users: mysql.infoschema, mysql.session, mysql.sys, and root. A new user, 'newuser', has been added and is selected, showing its details. The 'Details for account newuser@%' tab is active, displaying the 'Login' tab. Under 'Login', the 'Role' column lists DBA, MaintenanceAdmin, ProcessAdmin, UserAdmin, SecurityAdmin, MonitorAdmin, DBManager, DBDesigner, ReplicationAdmin, and BackupAdmin, each with a checked checkbox. The 'Description' column provides a brief explanation for each role. To the right, under 'Global Privileges', a long list of MySQL privileges is shown, all of which have a checked checkbox, indicating they are granted to the user. At the bottom, there are buttons for 'Revoke All Privileges', 'Add Account', 'Delete', 'Refresh', 'Revert', and 'Apply'.

## CONGRATULATIONS!

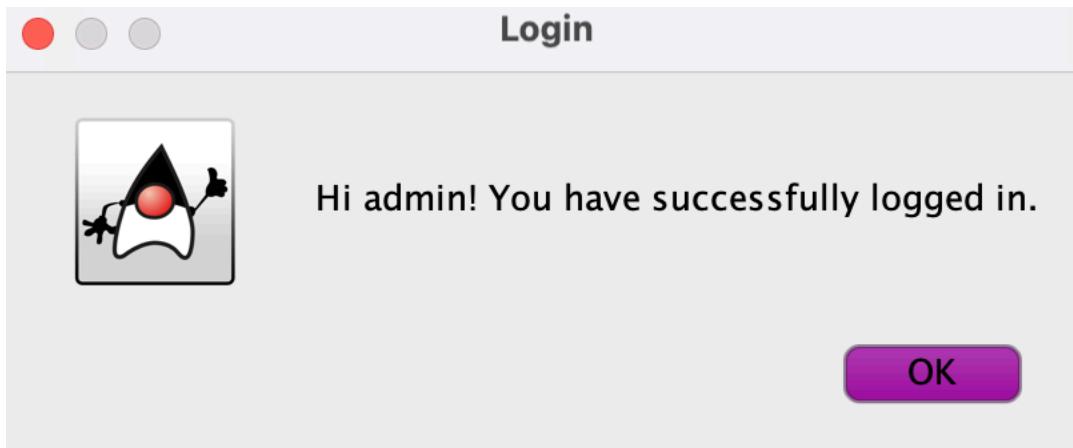
You've successfully set up the MVS Management Tool database. This initial step is crucial for ensuring that all other features function seamlessly. You are now ready to configure user settings and explore the extensive capabilities of our application. Let's proceed to the next steps to unlock all the features designed to enhance your management experience.

## 5. Logging In

To begin using the application, double-click the **.jar** file located in the target folder. Log in to the Admin account by entering "admin" for the username and "password" for the password.



If the connection to the database is successful you will be greeted with this confirmation message.

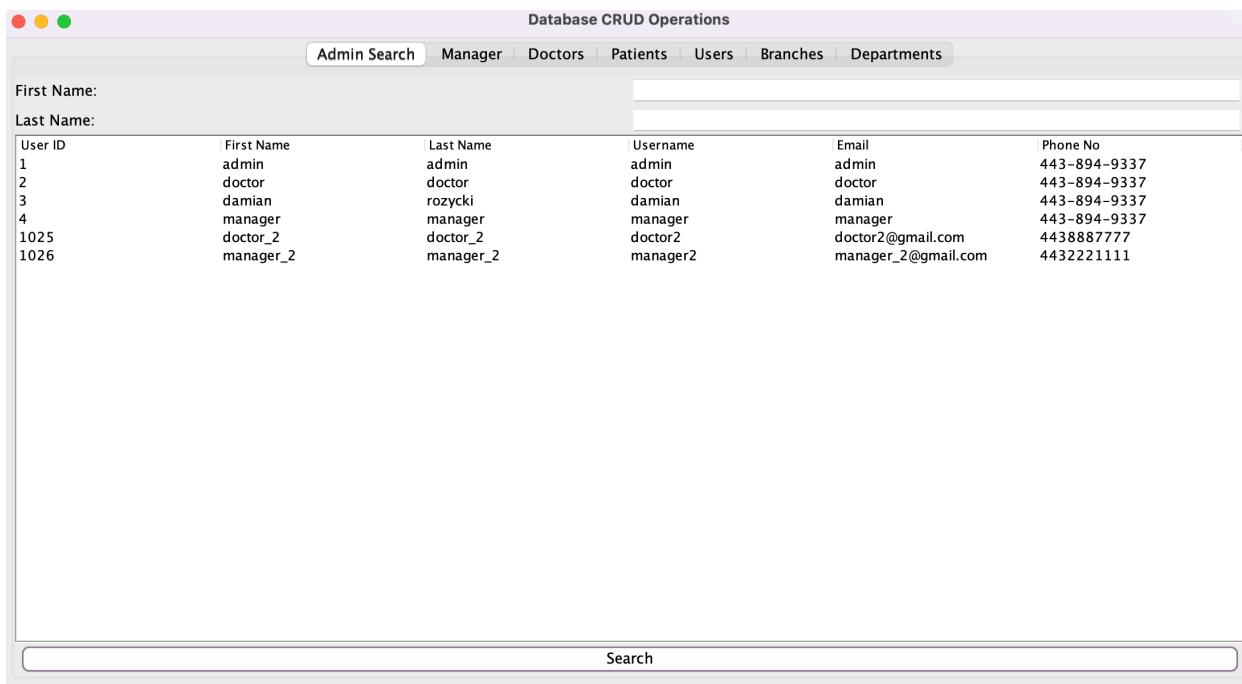


## 6. INTERFACES

## 6.1 ADMIN

After logging in, the admin panel provides multiple management tabs:

### 6.1.1 Admin Search Tab



The screenshot shows a web-based administrative interface titled "Database CRUD Operations". At the top, there is a navigation bar with tabs: "Admin Search" (which is active), "Manager", "Doctors", "Patients", "Users", "Branches", and "Departments". Below the navigation bar, there are two input fields: "First Name:" and "Last Name:", both currently empty. A large table below these fields displays user data from the database. The columns of the table are: User ID, First Name, Last Name, Username, Email, and Phone No. The data in the table is as follows:

User ID	First Name	Last Name	Username	Email	Phone No
1	admin	admin	admin	admin	443-894-9337
2	doctor	doctor	doctor	doctor	443-894-9337
3	damian	rozycki	damian	damian	443-894-9337
4	manager	manager	manager	manager	443-894-9337
1025	doctor_2	doctor_2	doctor2	doctor2@gmail.com	4438887777
1026	manager_2	manager_2	manager2	manager_2@gmail.com	4432221111

At the bottom of the interface, there is a "Search" button.

- Description:** Allows you to search for users in the database by first and last names.
- Usage:** Enter the First name and Last Name of the user you want to search the database for and click the 'Search' button at the bottom to confirm and load results.

Database CRUD Operations

Admin Search Manager Doctors Patients Users Branches Departments

First Name:

Last Name:

User ID	First Name	Last Name	Username	Email	Phone No
3	damian	rozycki	damian	damian	443-894-9337

### 6.1.2 Manager Tab

- Load Manager:** Loads all current managers.
- Update Manager:** Updates selected manager's information.
- Delete Manager:** Removes a manager from the database.
- Manager Oversight:** Shows detailed information about managers.

Database CRUD Operations

Admin Search Manager Doctors Patients Users Branches Departments

User_ID	First_Name	Last_Name	Department_Supervised_ID	Department_Name	Branch_Name
4	manager	manager	101	Test_Department	Branch_Location
1026	manager_2	manager_2	102	Wound Care	Branch_Location

### 6.1.3 Doctors Tab

- **Load Doctors:** Lists all doctors.
- **Update Doctors:** Allows updating doctor information.
- **Delete Doctors:** Removes a doctor from the database.
- **View Doctor Info:** Displays detailed information about doctors.

The screenshot shows a window titled "Database CRUD Operations". At the top, there is a menu bar with "Admin Search", "Manager", and several tabs: "Doctors" (which is selected), "Patients", "Users", "Branches", and "Departments". Below the tabs is a table with the following data:

User_ID	First_Name	Last_Name	Specialization	Years_Of_Experience	Phone_No	Email
2	doctor	doctor	Test_Specialization	1	443-894-9337	doctor
1025	doctor_2	doctor_2	Wound Care	13	4438887777	doctor2@gmail.com

At the bottom of the window, there is a row of buttons: "Load Doctors", "Update Doctor", "Delete Doctor", and "Doctor Info".

### 6.1.4 Patients Tab

- **Load Patients:** Lists all patients.
- **Update Patient:** Allows updating patient information.
- **Delete Patient:** Removes a patient from the database.
- **Load Patient Profile:** Loads detailed information about patients.

Database CRUD Operations															
		Admin Search		Manager		Doctors		Patients		Users		Branches		Departments	
User ID	First Name	Last Name	DOB	Sex		Phone	Email	Street	City	State	Zip	Height	Weight		
3	damian	rozycki	1998-04-02	M		443-894-...	damian	13103 Pen...	Reisterstown	MD	21136	0.0	0.0		
<a href="#">Load Patients</a>			<a href="#">Update Patient</a>			<a href="#">Delete Patient</a>			<a href="#">Load Patient Profiles</a>						

## 6.1.5 Users Tab

- Load Users:** Displays all users.
- Add User:** Adds a new user.
- Update User:** Updates information for an existing user.
- Delete User:** Removes a user from the database.

Database CRUD Operations															
		Admin Search		Manager		Doctors		Patients		Users		Branches		Departments	
User ID	Username	First Name	Last Name	Email	User Type ID										
1	admin	admin	admin	admin	9										
2	doctor	doctor	doctor	doctor	2										
3	damian	damian	rozycki	damian	1										
4	manager	manager	manager	manager	3										
1025	doctor2	doctor_2	doctor_2	doctor_2@gmail.com	2										
1026	manager2	manager_2	manager_2	manager_2@gmail.com	3										
<a href="#">Load Users</a>			<a href="#">Add User</a>			<a href="#">Update User</a>			<a href="#">Delete User</a>						

## 6.1.6 Branches Tab

- **Load Branches:** Lists all branches.
- **Add Branch:** Adds a new branch.
- **Update Branch:** Updates an existing branch.
- **Delete Branch:** Removes a branch.

Database CRUD Operations			
		Branches	
Branch No	Location	Branch Name	
7	Reisterstown	Reisterstown Branch	
1	Test_Location	Branch_Location	

## 6.1.7 Departments Tab

- **Load Departments:** Lists all departments.
- **Add Department:** Adds a new department.
- **Update Department:** Updates an existing department.
- **Delete Department:** Removes a department.

Database CRUD Operations		
<a href="#">Admin Search</a>   <a href="#">Manager</a>   <a href="#">Doctors</a>   <a href="#">Patients</a>   <a href="#">Users</a>   <a href="#">Branches</a>   <a href="#">Departments</a>		
Department No	Department Name	Branch No
101	Test_Department	1
102	Wound Care	1
205	Test_Department_2	7

## 6.2 PATIENT

### 6.2.1 Booking and Managing Appointments

- Book Appointment:** Select options from dropdowns and confirm the booking.
- Update Appointment:** Update details for an existing appointment.
- Delete Appointment:** Remove an existing appointment.

Database CRUD Operations

[Dashboard](#) [Medical Records](#) [Insurance](#) [Medications](#) [Allergies](#)

[Appointments](#) [Notifications](#)

Select Location: -- Select a Location -- Select Department: -- Select Doctor: -- Select a Date -- Pick Date Select Timeslot: -- Select a Timeslot --

Appointment ID	Date	Start Time	End Time	Doctor Name	Location	Branch

[Book Appointment](#) [Refresh Appointments](#) [Update Appointment](#) [Delete Appointment](#)

**Patient Information**

First Name: damian  
 Last Name: rozycki  
 Date of Birth: 1998-04-02  
 Sex: M  
 Phone No: 443-894-9337  
 Email: damian  
 Address: 13103 Pendleton ct, Reisterstown, MD 21136

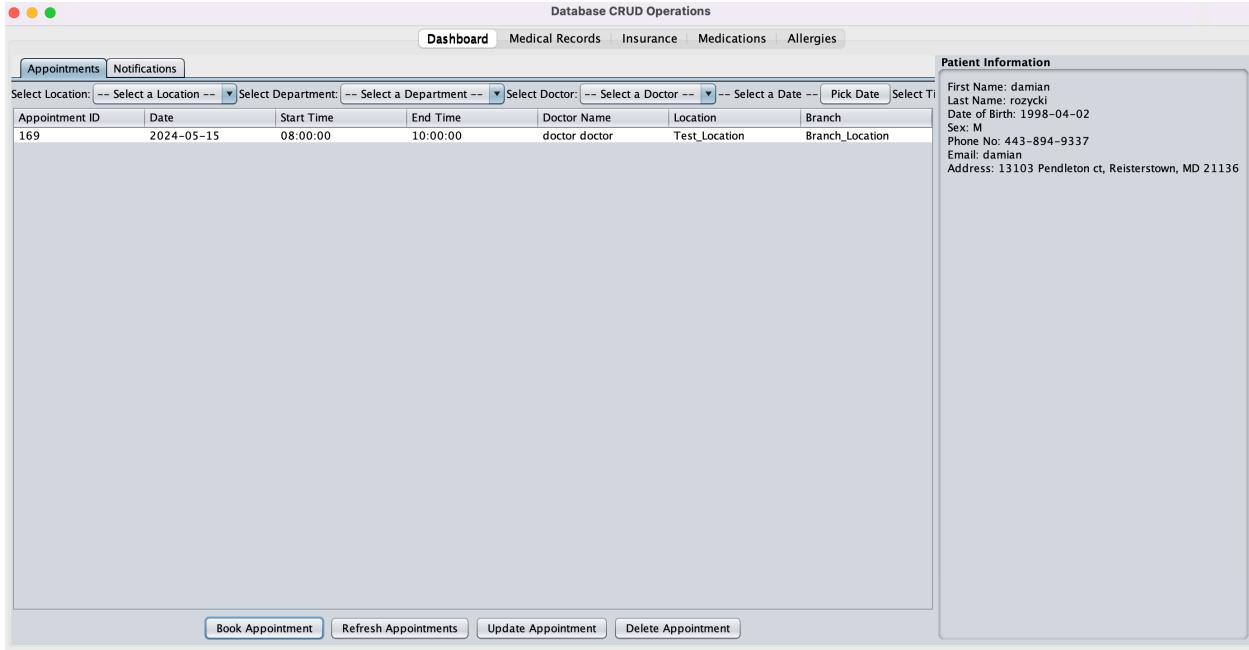
- **Book Appointment Order:** Select a Location -> Select a Department -> Select a Doctor -> Select a Date -> Select a Timeslot.

[Appointments](#) [Notifications](#)

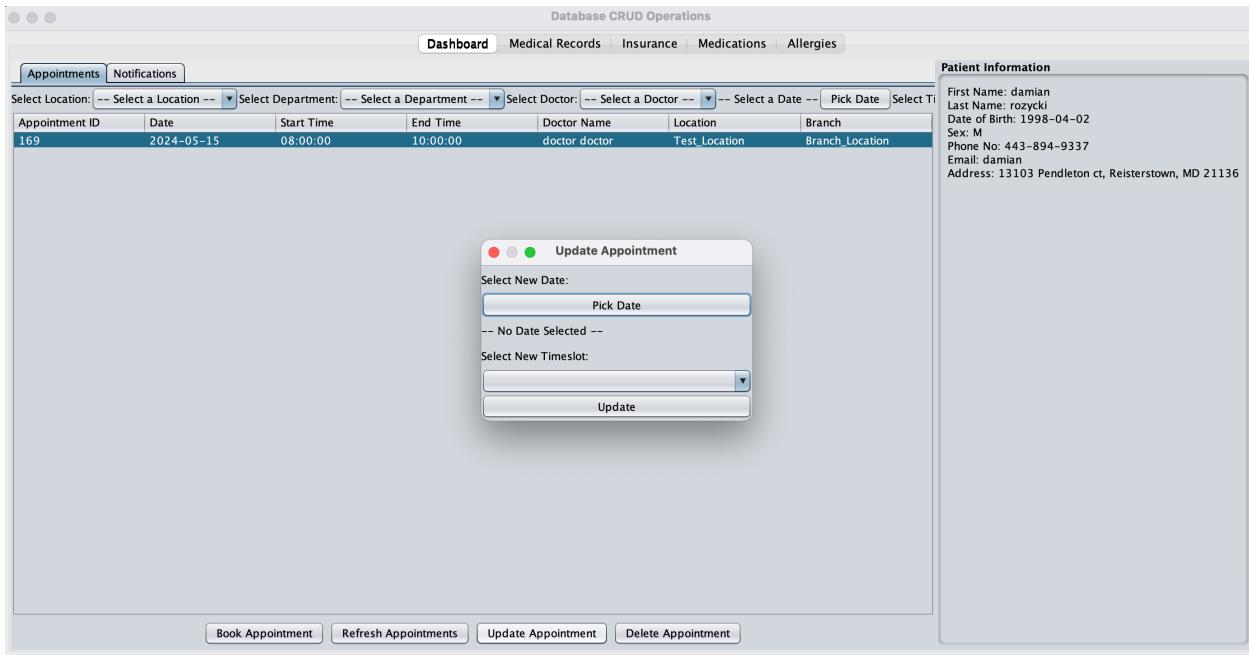
Select Location: -- Select a Location -- Select Department: -- Select Doctor: -- Select a Date -- Pick Date Select Timeslot: -- Select a Timeslot --

Appointment ID	Date	Start Time	End Time	Doctor Name	Location	Branch

- **Book Appointment:** After you have finished picking your appointment location, department, doctor, date, and time you can press the Book Appointment button to confirm your appointment with the system.



- **Update Appointment:** Select the appointment you want to update, and press the ‘Update Appointment’ button to update your appointment date, and time. Press ‘Update’ to confirm the rescheduling of your appointment in the system.



## 6.2.2 Notifications Tab

- Manage Notifications:** View, delete (mark as read), and refresh notifications.

## AD Health - Healthcare Appointment Management Database

The screenshot shows a window titled "Database CRUD Operations" with a tab bar at the top. The "Notifications" tab is selected. On the left, there is a table with columns: "Notification ID", "Date", "Message", and "Status". The table contains 95 rows of data, all of which are "Appointment rescheduled." messages from May 11, 2024, and are marked as "Unread". On the right side, there is a "Patient Information" panel displaying the following details:

```

First Name: damian
Last Name: rozicky
Date of Birth: 1998-04-02
Sex: M
Phone No: 443-894-9337
Email: damian
Address: 13103 Pendleton ct, Reisterstown, MD 21136

```

At the bottom of the window, there are two buttons: "Delete Notification" and "Refresh Notifications".

### 6.2.3 Other Tabs

- Manage Records/Insurance/Medications/Allergies:** Options to refresh, add, update, and delete.

The screenshot shows a window titled "Database CRUD Operations" with a tab bar at the top. The "Medical Records" tab is selected. On the left, there is a table with columns: "Record ID", "User ID", "Description", and "Date". There is one row of data: Record ID 17, User ID 3, Description "test", and Date "2024-05-11". At the bottom of the window, there are four buttons: "Refresh Records", "Add Record", "Update Record", and "Delete Record".

---

## 6.3 DOCTOR

### 6.3.1 Appointment Management

- **View Upcoming Appointments:** Doctors can view and filter their upcoming appointments.
- **Update Appointments:** Select an appointment to update its date and time.

Database CRUD Operations

Doctor Dashboard      Notifications

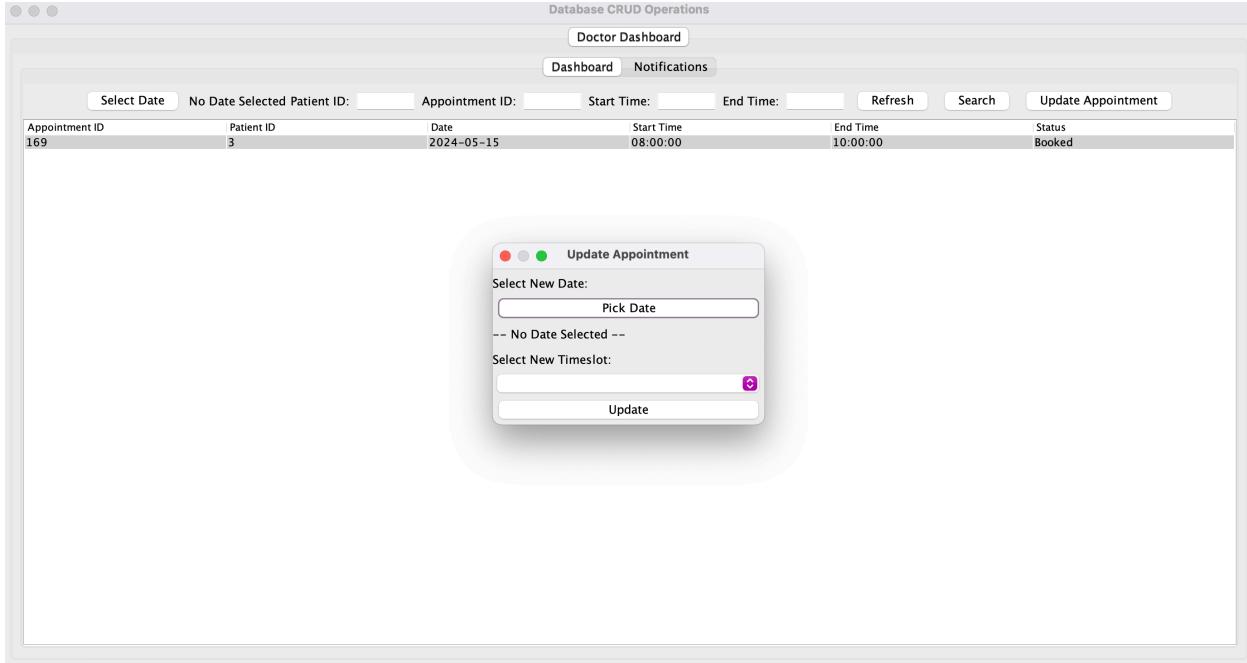
Select Date    No Date Selected Patient ID: \_\_\_\_\_ Appointment ID: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_ Refresh    Search    Update Appointment

Appointment ID	Patient ID	Date	Start Time	End Time	Status
169	3	2024-05-15	08:00:00	10:00:00	Booked

#### ➤ Filtering Appointments

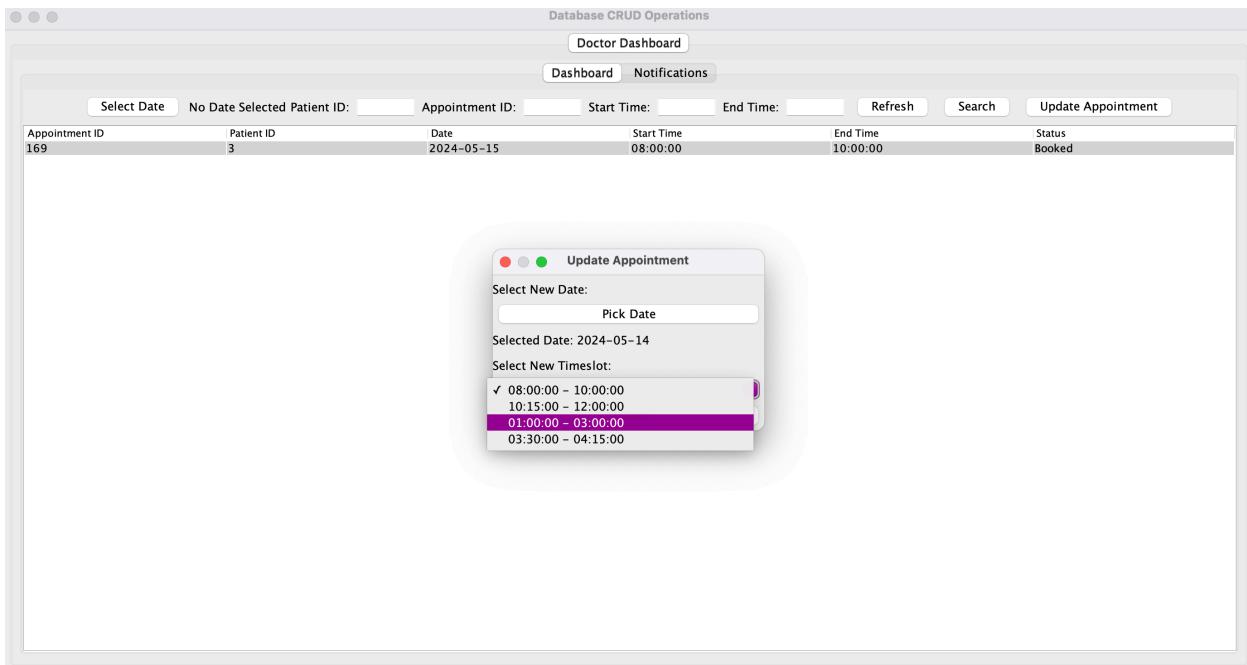
- Filter by Patient ID, Appointment ID, Start Time and End Time.
- Buttons: Refresh (Refresh appointments), Search (Confirm the filtered fields in text fields), Update Appointment.

Select Date    No Date Selected Patient ID: \_\_\_\_\_ Appointment ID: \_\_\_\_\_ Start Time: \_\_\_\_\_ End Time: \_\_\_\_\_ Refresh    Search    Update Appointment



### ➤ Updating Appointment

- Select an appointment from the list of upcoming appointments, and press the 'Update Appointment' button to update the date, and time of the appointment.
- To confirm the rescheduling press the 'Update' button to confirm in the database.



### 6.3.2 Notifications Tab

- Doctors also receive notifications similar to patients.

Database CRUD Operations					
Doctor Dashboard					
		Dashboard	Notifications		
Notification ID	Date	Start Time	End Time	Message	Status
60	2024-05-11	14:50:00	17:00:00	Appointment rescheduled.	Unread
61	2024-05-11	12:30:00	14:25:00	Appointment rescheduled.	Unread
62	2024-05-11	14:50:00	17:00:00	Appointment rescheduled.	Unread
63	2024-05-11	12:30:00	14:25:00	Appointment rescheduled.	Unread
64	2024-05-11	12:30:00	14:25:00	Appointment rescheduled.	Unread
65	2024-05-11	08:00:00	10:00:00	Appointment rescheduled.	Unread
66	2024-05-11	08:00:00	10:00:00	Appointment rescheduled.	Unread
67	2024-05-11	12:30:00	14:25:00	Appointment rescheduled.	Unread
68	2024-05-11	12:30:00	14:25:00	Appointment rescheduled.	Unread
69	2024-05-11	14:50:00	17:00:00	Appointment rescheduled.	Unread
70	2024-05-11	08:00:00	10:00:00	Appointment rescheduled.	Unread
71	2024-05-12	08:00:00	12:00:00	Appointment rescheduled.	Unread
72	2024-05-11	12:30:00	14:25:00	Appointment rescheduled.	Unread
73	2024-05-11	12:30:00	14:25:00	Appointment rescheduled.	Unread
74	2024-05-12	08:00:00	12:00:00	Appointment rescheduled.	Unread
75	2024-05-12	08:00:00	12:00:00	Appointment rescheduled.	Unread
76	2024-05-11	14:50:00	17:00:00	Appointment rescheduled.	Unread
77	2024-05-11	08:00:00	10:00:00	Appointment rescheduled.	Unread
78	2024-05-11	08:00:00	10:00:00	Appointment rescheduled.	Unread
79	2024-05-12	08:00:00	12:00:00	Appointment rescheduled.	Unread
80	2024-05-12	08:00:00	12:00:00	Appointment rescheduled.	Unread
81	2024-05-11	12:30:00	14:25:00	Appointment rescheduled.	Unread
82	2024-05-11	14:50:00	17:00:00	Appointment rescheduled.	Unread
83	2024-05-11	08:00:00	10:00:00	Appointment rescheduled.	Unread
84	2024-05-11	14:50:00	17:00:00	Appointment rescheduled.	Unread
85	2024-05-11	08:00:00	10:00:00	Appointment rescheduled.	Unread
86	2024-05-11	12:30:00	14:25:00	Appointment rescheduled.	Unread
88	2024-05-11	08:00:00	10:00:00	Appointment rescheduled.	Unread
89	2024-05-11	12:30:00	14:25:00	Appointment rescheduled.	Unread
90	2024-05-11	08:00:00	10:00:00	Appointment rescheduled.	Unread
91	2024-05-11	14:50:00	17:00:00	Appointment rescheduled.	Unread
92	2024-05-11	08:00:00	10:00:00	Appointment rescheduled.	Unread
93	2024-05-11	12:30:00	14:25:00	Appointment rescheduled.	Unread
94	2024-05-12	08:00:00	12:00:00	Appointment rescheduled.	Unread
95	2024-05-11	08:00:00	10:00:00	Appointment rescheduled.	Unread

Mark as Read   Refresh

## 6.4 MANAGER

### 6.4.1 Department Manager

- Load Doctors:** Load all doctors under a specific department.
- Search Doctors:** Search by name, specialization.
- Update Salary:** Update the salary of a selected doctor.

The screenshot shows a software application window titled "Database CRUD Operations". At the top, there are two tabs: "Department Manager" (which is selected) and "Doctor Scheduling". Below the tabs are four buttons: "Load Doctors", a search input field containing "doctor", "Search", and "Update Salary". A table below the buttons displays one row of data:

Doctor ID	First Name	Last Name	Specialization	Salary
2	doctor	doctor	Test_Specialization	98500.0

### ➤ Search Doctors

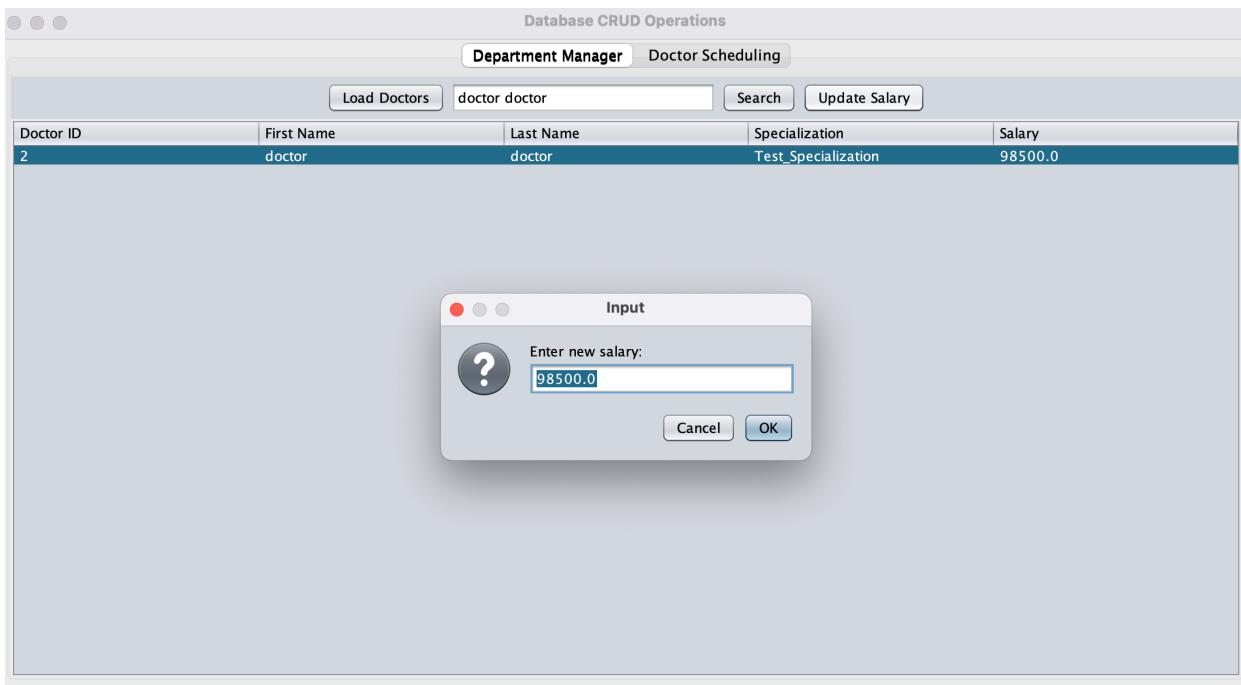
- Search by name (first, last, or first last) or specialization. To confirm press the 'Search' button to load all the results of your query.

The screenshot shows the same software application window as the previous one, but the search input field now contains "doctor doctor". The table below shows the same single result as before.

Doctor ID	First Name	Last Name	Specialization	Salary
2	doctor	doctor	Test_Specialization	98500.0

### ➤ Update Salary

- Update the salary of a selected doctor. To update the salary, press the 'OK' button, or press 'Cancel' to cancel the updating.



## 6.4.2 Doctor Scheduling

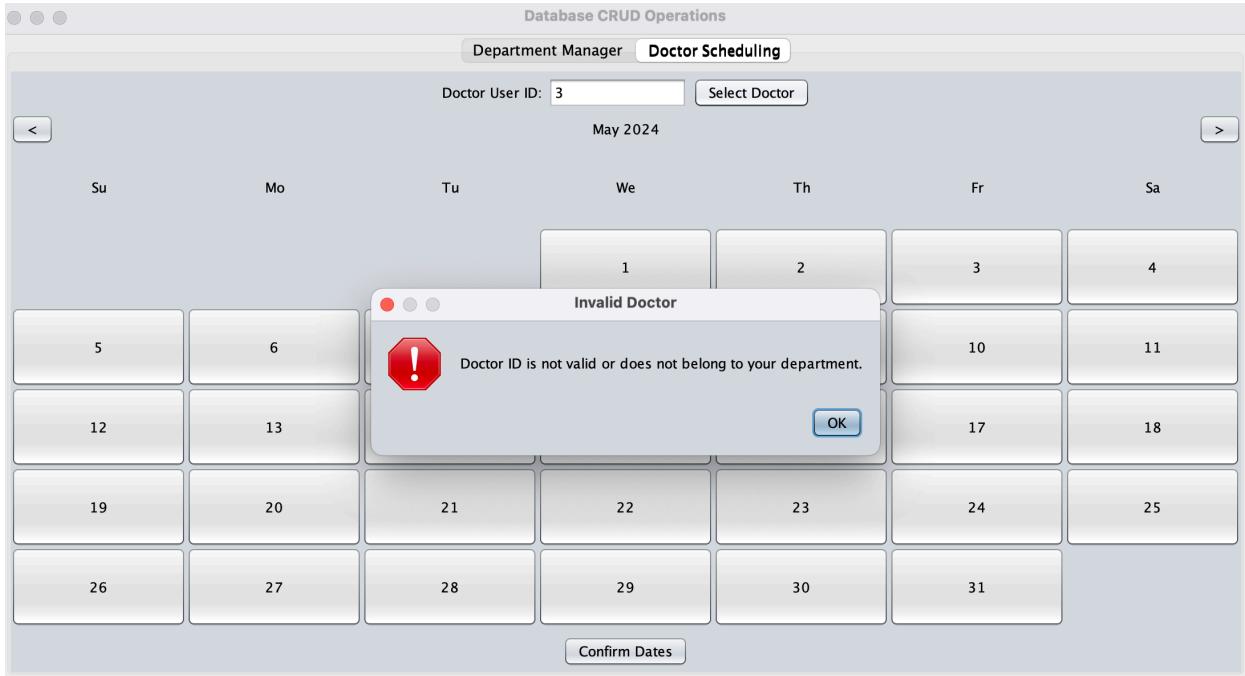
### 1. Selecting a Doctor for Scheduling

- **Input Doctor ID:** In the text field provided, type in the specific doctor's user ID for whom you want to create a custom schedule. For example, if scheduling for doctor\_user\_id = 2, enter '2'.
  - *Verification Message:* If you've successfully loaded the doctor into our scheduling software, a verification message will appear confirming the selection.



### Error Handling:

- If an invalid ID is entered, or if the ID does not correspond to a doctor in the department you manage, an error message will be displayed.



## 2. Scheduling Dates

- **Select Dates:** Click on the calendar dates you wish to schedule for the selected doctor. Selected dates will highlight in blue. To deselect a date, simply click on it again.
- **Confirm Dates:** Once you are satisfied with the selected dates, click the 'Confirm Dates' button. This action will take you to the next step for setting specific time slots.

The screenshot shows a 'Database CRUD Operations' window titled 'Doctor Scheduling'. At the top, there's a 'Doctor User ID' input field containing '2' and a 'Select Doctor' button. Below the calendar, there are navigation arrows for 'May 2024'. The days of the week are labeled Su through Sa. The dates from 1 to 31 are displayed in a grid. The dates 20, 21, 22, 23, and 24 are highlighted in blue, while others are grey. At the bottom right of the calendar area is a 'Confirm Dates' button.

## 3. Setting Time Slots

- **Dates:** Each date is listed in this interface from which you selected in the previous step.
- **Data Entry:** You can enter times into any of the fields which you want to set a time.
- **Autofill Button:** This button allows you to autofill into each date up to a maximum of once per button press.
- **Add Timeslot:** The 'Add Timeslot' button allows you to add an extra timeslot for each date. You can add as many Timeslots as you wish for every date.

The screenshot shows a window titled "Set Times". At the top, there are fields for "Global Start Time (HH:mm)" and "Global End Time (HH:mm)", both currently empty, and a button "Autofill Unfilled Slots". Below this, a date list starts with "2024-05-20". Each date row contains a "Start Time (HH:mm)" field, an "End Time (HH:mm)" field, a "Remove" button, and an "Add Timeslot" button. The rows for dates 2024-05-21 through 2024-05-23 are identical. The row for 2024-05-24 is partially visible. At the bottom right of the window is a "Confirm Schedule" button.

**4. Auto-fill Time Slots:** At the top of the new window, use the text fields to enter the time slots you wish to automatically fill across the selected dates. For example, enter '1:00 PM to 3:00 PM' to schedule these hours for each selected date.

- **Auto-fill Action:** Press the 'Autofill Unfilled Slots' button to apply the time slots to all empty fields up to a maximum of one timeslot per date. A confirmation screen will appear.
- **Confirm Auto-fill:** If you confirm the action by pressing 'Yes', it will autofill the time slot into each of the date fields that are still available, ensuring there are no time conflicts.

This screenshot shows a single date row for "2024-05-20" in the "Set Times" window. The "Global Start Time (HH:mm)" field is populated with "1:00" and the "Global End Time (HH:mm)" field is populated with "3:00". The "Autofill Unfilled Slots" button is located at the bottom right of the date row.

Set Times

Global Start Time (HH:mm): 1:00 Global End Time (HH:mm): 3:00 Autofill Unfilled Slots

2024-05-20

Start Time (HH:mm): 01:00 End Time (HH:mm): 03:00 Remove

Add Timeslot

2024-05-21

Start Time (HH:mm): 01:00 End Time (HH:mm): 03:00 Remove

2024-05-22

Start Time (HH:mm): 01:00 End Time (HH:mm): 03:00 Remove

Confirm Autofill

Autofill Results:

2024-05-24: Autofilled without overlap.  
2024-05-23: Autofilled without overlap.  
2024-05-22: Autofilled without overlap.  
2024-05-21: Autofilled without overlap.  
2024-05-20: Autofilled without overlap.

No Yes

2024-05-23

Start Time (HH:mm): 01:00 End Time (HH:mm): 03:00 Remove

Add Timeslot

2024-05-24

Start Time (HH:mm): 01:00 End Time (HH:mm): 03:00 Remove

Add Timeslot

Confirm Schedule

**Set Times**

Global Start Time (HH:mm):  Global End Time (HH:mm):

**2024-05-20**

Start Time (HH:mm):  End Time (HH:mm):

**2024-05-21**

Start Time (HH:mm):  End Time (HH:mm):

**2024-05-22**

Start Time (HH:mm):  End Time (HH:mm):

**2024-05-23**

Start Time (HH:mm):  End Time (HH:mm):

**2024-05-24**

Start Time (HH:mm):  End Time (HH:mm):

## 5. Custom Time Slots

- **Manual Time Slot Entry:** If specific dates require different times, manually adjust the time slots for those dates. Enter the desired times directly into the fields corresponding to each date.
  - **Confirm Schedule:** Once all time slots are set as needed, press the 'Confirm Schedule' button. This will update the database and finalize the doctor's availability based on the new schedule.

**Set Times**

Global Start Time (HH:mm):  Global End Time (HH:mm):  Autofill Unfilled Slots

**2024-05-20**

Start Time (HH:mm):  End Time (HH:mm):  Remove

Start Time (HH:mm):  End Time (HH:mm):  Remove

Add Timeslot

**2024-05-21**

Start Time (HH:mm):  End Time (HH:mm):  Remove

Start Time (HH:mm):  End Time (HH:mm):  Remove

Add Timeslot

**2024-05-22**

Start Time (HH:mm):  End Time (HH:mm):  Remove

Start Time (HH:mm):  End Time (HH:mm):  Remove

Add Timeslot

**2024-05-23**

Start Time (HH:mm):  End Time (HH:mm):  Remove

Start Time (HH:mm):  End Time (HH:mm):  Remove

Add Timeslot

**2024-05-24**

Confirm Schedule

Set Times

Global Start Time (HH:mm): 4:00 Global End Time (HH:mm): 5:00 Autofill Unfilled Slots

2024-05-20

Start Time (HH:mm): 01:00 End Time (HH:mm): 03:00 Remove  
Start Time (HH:mm): 3:15 End Time (HH:mm): 4:00 Remove

Add Timeslot

2024-05-21

Start Time (HH:mm): 01:00 End Time (HH:mm): 03:00  
Start Time (HH:mm): 04:00 End Time (HH:mm): 05:00

Add Timeslot

2024-05-22

Start Time (HH:mm): 01:00 End Time (HH:mm): 03:00  
Start Time (HH:mm): 04:00 End Time (HH:mm): 05:00 Remove

Add Timeslot

2024-05-23

Start Time (HH:mm): 01:00 End Time (HH:mm): 03:00 Remove  
Start Time (HH:mm): 04:00 End Time (HH:mm): 05:00 Remove

Add Timeslot

2024-05-24

Confirm Schedule

Confirm Autofill

Autofill Results:  
2024-05-24: Autofilled without overlap.  
2024-05-23: Autofilled without overlap.  
2024-05-22: Autofilled without overlap.  
2024-05-21: Autofilled without overlap.  
2024-05-20: Cannot autofill due to overlap.

No Yes



## 7. FAQs

- 1. Can I access the application on multiple devices?**
  - Yes, the application is designed to be accessed on multiple devices. Ensure you log in with the same user credentials, as long as the database and files are configured correctly.
- 2. How do I reset my password if I forget it?**
  - Open MySQL workbench, locate the user table and manually find the account you're looking for and update the password from there.
- 3. Is there a way to export data from the application for reporting purposes?**

- *Not at the moment, this is a future implementation*
- 4. How can I add or remove users from the application?**
- *You can log into an admin account to create users, and delete users.*
  - *You can also open MySQL workbench to update/delete/add users to the user table.*
- 5. How often does the application receive updates?**
- *This project is a school project, so whenever I have free time.*
- 6. What kind of support is available if I encounter technical issues?**
- *You can contact us with the information at the bottom.*
- 7. Does the application integrate with other tools or platforms?**
- Not at the moment, but this is something we're looking into.

## 8. Troubleshooting

- **Problem:** Unable to log in to the any account.  
→ **Solution:** Ensure that the username and password are entered correctly. If issues persist, check the database user table to verify that the user exists, if not you can add the user directly into the system within MySQL workbench or other tools used to manage MySQL databases.
- **Problem:** Doctor scheduling conflicts.  
→ **Solution:** Verify that no overlapping times are set for the same doctor. Use the autofill feature cautiously to avoid double-booking.
- **Problem:** Clicking an update button and nothing is updating.  
→ **Solution:** This but happens because in our system we may have forgotten to add an error message which gets triggered based on our database, so please leave feedback whenever you encounter this bug by sending us an email.
- **Problem:** I cannot see all the buttons you've shown in your interfaces.  
→ This bug happens because I didn't take into account display size when designing this tool. I will be working to update the UI to be dynamic for future releases to ensure this doesn't happen again.
- **Problem:** Some features aren't working as intended.  
→ **Solution:** Please share any bugs and issue you find with this tool so I can update our software to ensure these problems don't occur again.

## 9. Conclusion

### Thank You

Thank you for following along with our detailed guide for the MVS Management Tool. By now, you should be well-equipped to utilize the various functionalities tailored to the different roles within your organization—whether as an Admin, Manager, Doctor, or Patient. We hope this guide has been instrumental in helping you navigate and maximize the benefits of our application. Remember, each function is designed to enhance your operational efficiency and streamline your management processes.

### Continued Support

Should you encounter any challenges or have questions that this guide has not addressed, please do not hesitate to reach out by emailing us at [contactus@addatabase.com](mailto:contactus@addatabase.com). We are committed to ensuring your experience with our tool is both productive and rewarding.

### Feedback and Improvements

We continuously strive to improve our software and user guides. Your feedback is invaluable to us, and we encourage you to provide suggestions on how we can better meet your needs and enhance your experience, you can email me with any suggestions.

### Stay Updated

Stay connected with us for updates and new features. We are constantly evolving our software to serve you better and adapt to the dynamic needs of management systems.