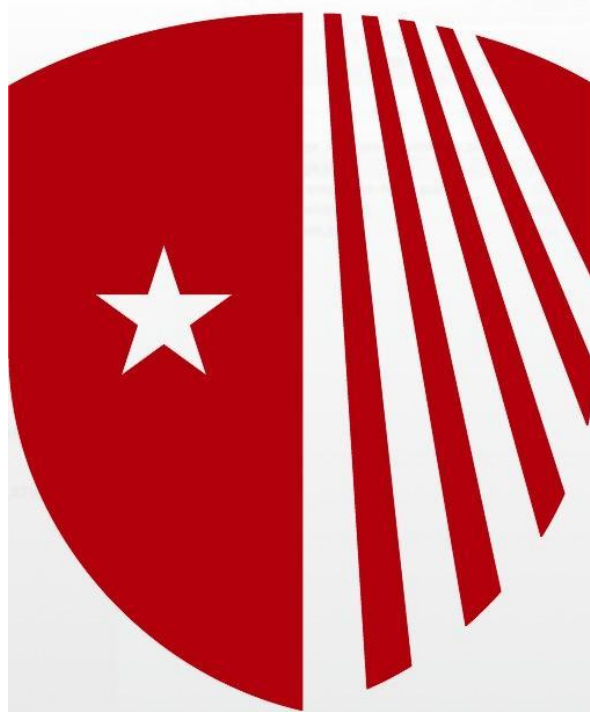


Dareda Hospital Database



Documentation

v. 1.0

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Table of Contents

[Dareda Hospital Database Overview](#)

[Microsoft Access Overview](#)

[New Patient](#)

[New Doctor](#)

[New Visit](#)

[Imaging Form](#)

[Lab Form](#)

[Medicine Form](#)

Dareda Hospital Database Overview

The Dareda hospital database is used as the central application to host all information for patients in the hospital. There are multiple forms and tables linked to the database so it is important to know how to use each form properly.

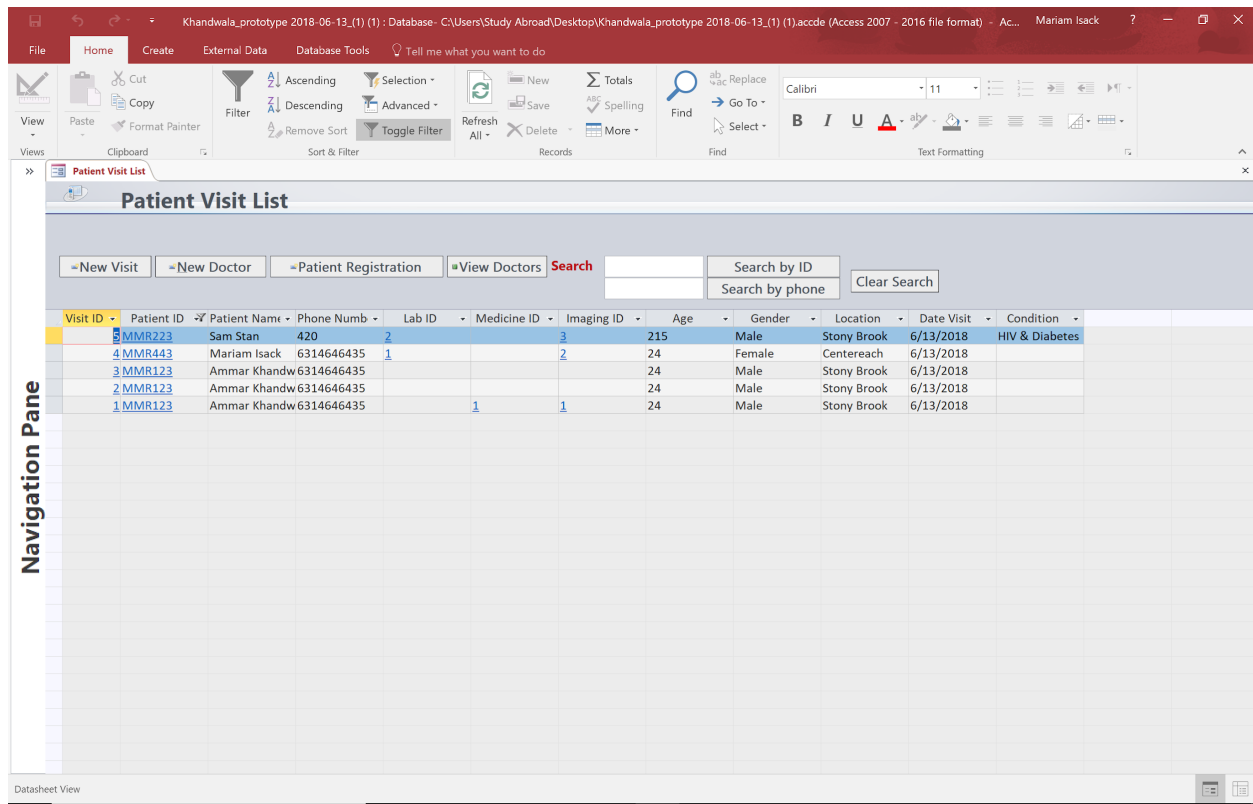
The following forms are:

- [New Patient](#)
- [New Doctor](#)
- [New Visit](#)
 - [Lab Form](#)
 - [Medicine Form](#)
 - [Imaging Form](#)

Reference these documents whenever a new user will be utilizing the database.

Microsoft Access Overview

When launching Microsoft Access you will see the a spreadsheet with a top toolbar and a left side navigation bar as seen in the image below.



The main item we will be focusing on is the **Patient Visit List** located in **Forms**. This is where we'll be:

- Adding new visitations
- Adding new doctors
- Registering new patients
- Viewing the entire list of registered doctors
- Search for visitations by ID and Phone

When editing any form it is important to hit the **Save** button so that any information you input is retained. This goes for all forms.

Patient Visit List

New Patient

When clicking on the **Patient Registration** button you will be sent to the **Patients Registered** table as you see below. Here you have more options. You can:

- Add a new patient
- Search patients by ID or Phone

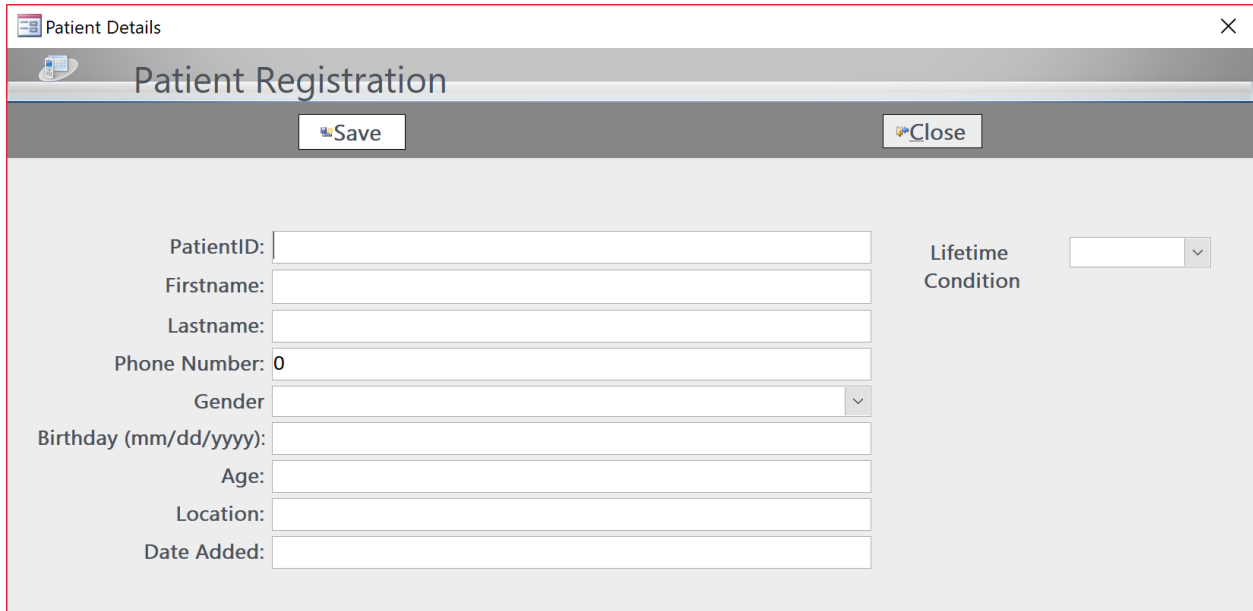
Patient Visit List

Visit ID	Patient ID	Patient Name	Phone Number	Lab ID	Medicine ID	Imaging ID	Age	Gender	Location	Date Visit	Condition
5	MMR223	Sam Stan	420	2		3	215	Male	Stony Brook	6/13/2018	HIV & Diabetes
4	MMR443	Mariam Isack	6314646435	1		2	24	Female	Centereach	6/13/2018	
3	MMR123	Ammar Khandw	6314646435				24	Male	Stony Brook	6/13/2018	
2	MMR123	Ammar Khandw	6314646435				24	Male	Stony Brook	6/13/2018	
1	MMR123	Ammar Khandw	6314646435		1	1	24	Male	Stony Brook	6/13/2018	

Patients Registration

Patient ID	Patient Name	Phone Number	Age	Birthday	Gender	Location	Condition	Date Added
MMR443	Mariam Isack	6314646435	24	6/23/2018	Female	Centereach		6/13/2018
MMR223	Sam Stan	420	215	4/20/1800	Male	Stony Brook	HIV & Diabetes	6/13/2018
MMR123	Ammar Khandwala	6314646435	24	10/22/1993	Male	Stony Brook		6/13/2018

When clicking on **new patient** a new window will pop up. This form has all of the basic information required of the patient. **All Items for the patient are required, otherwise the form won't save.** Lifetime condition is optional and could be added to the patient if he/she has any, for e.g HIV, Diabetes.



The screenshot shows a web application window titled "Patient Details" with a close button (X) in the top right corner. Below the title bar is a header section with a "Patient Registration" title and a small icon of a person. Under the header, there are two buttons: "Save" and "Close". The main content area contains a form with the following fields:

- PatientID:
- Firstname:
- Lastname:
- Phone Number:
- Gender: (dropdown menu)
- Birthday (mm/dd/yyyy):
- Age:
- Location:
- Date Added:
- Lifetime Condition: (dropdown menu)

You can also edit a patient's information but selecting their ID in the **Patients Registration Form**.

When all patients have been registered at the current session you must click **Close** located next to the **Clear Search** button in the **Patients Registration Form** to be routed back to the main **Patient Visit List** data.

New Doctor

Before clicking New Doctor, the Doctor can check if his/her name has already been registered by clicking on **View Doctor**. On the **New Doctor** button a form will appear requiring the name of the Doctor.

Visit ID	Patient ID	Patient Name	Phone Numb	Lab ID	Medicine ID	Imaging ID	Age	Gender	Location	Date Visit	Condition
5	MMR223	Sam Stan	420	2		3	215	Male	Stony Brook	6/13/2018	HIV & Diabetes
4	MMR443	Mariam Isack	6314646435	1		2	24	Female	Centereach	6/13/2018	
3	MMR123	Ammar Khandw	6314646435				24	Male	Stony Brook	6/13/2018	
2	MMR123	Ammar Khandw	6314646435				24	Male	Stony Brook	6/13/2018	
1	MMR123	Ammar Khandw	6314646435	1		1	24	Male	Stony Brook	6/13/2018	

Enter the First Name and Last Name of doctor and click **Save**.

Doctor ID: (New)

Firstname doctor:

Lastname doctor:

Record: 1 of 1 | Filtered | Search

New Visit

When clicking on the **New Visit** button a form will appear.

The screenshot shows the 'Patient Visit List' application window. It features a ribbon menu with tabs for File, Home, Create, External Data, and Database Tools. The 'Home' tab is active, showing various data manipulation tools like Filter, Sort & Filter, and Find. Below the ribbon, there's a 'Patient Visit List' section with a table of patient visits. The table has columns for Visit ID, Patient ID, Patient Name, Phone Number, Lab ID, Medicine ID, Imaging ID, Age, Gender, Location, Date Visit, and Condition. The first row shows a visit by Sam Stan on 6/13/2018 with HIV & Diabetes. A 'New Visit' button is visible in the top left of the table area.

Visit ID	Patient ID	Patient Name	Phone Num	Lab ID	Medicine ID	Imaging ID	Age	Gender	Location	Date Visit	Condition
5	MMR223	Sam Stan	420	2		3	215	Male	Stony Brook	6/13/2018	HIV & Diabetes
4	MMR443	Mariam Isack	6314646435	1		2	24	Female	Centereach	6/13/2018	
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1	MMR123	Ammar Khandw	6314646435		1	1	24	Male	Stony Brook	6/13/2018	

The screenshot shows the 'Visit Details' application window. It has a ribbon menu with tabs for Save, Imaging, Lab, and Medicine. The 'Save' tab is active, showing a form for entering patient visit details. The form includes fields for Visit ID (New), Date Visit, Patient ID, Patient Name, Doctor, Height (cm), Weight (Kg), Blood Pressure MM/HG, Pulse Rate, Patient Chief Complaint, Diagnosis, and Doctors Observation. There are also dropdown menus for Medicine ID, Lab ID, and Imaging ID, each with a 'Clear' button. Below the form is a 'Past Visits' section with a table showing a list of previous visits.

VisitID	Patient ID	Patient Name	Doctor Name	Lab ID	Imaging ID	Medicine ID	DateVisit

This form has to be filled by the Doctor. The required fields are **Date Visit**, **Patient ID** and **Doctor**. The Doctor can type in the Patient ID and press enter, the name of the patient and the **Past Visits** (if any) will show up. When the doctor navigates to any of the old visit, the current visit will also be listed and he has to click back on the first visit to edit current visit.

If a doctor needs [Imaging Form](#), a [Lab Form](#), and/or [Medicine Form](#) for a patient then clicking on the respective buttons for the visit will direct them to the right form.

When filling out each respective form the user is required to fill out the **Patient ID** and **Date Created** which will trigger a new Form ID to be created.

After inputting information on any form it is important to click **Save** or else none of the information will be retained from the form.

Imaging Form

Imaging Form

PatientID

Patient Name

Date Created

Save

Close

Imaging ID

(New)

COPY

XRAY Required For

Doctors can put the required XRAY information

LAB XRAY Comments

Lab Technician comments

XRAY Doctor Comments

Doctor comments on the XRAY recieved

UltraSound Required

Yes or no for ultrasound. Blank Field also indicates nothing is required

LAB Ultrasound Comments

Lab technician comments

Ultrasound Doctor Comments

Doctor comments on the Ultra Sound recieved

Lab Form

LabForm

Lab Form

Patient ID

Patient Name

Date Created

#Save

oClose

Lab ID

(New)

COPY

A. BIOCHEMISTRY

☐ Glucose Fasting

☐ Glucose RGB

☐ Bilirubin Total

☐ Bilirubin Direct

☐ B Urea (BU)

☐ Creatinine

☐ Uric Acid

☐ ALAT (SGPT)

☐ ASAT (SGOT)

☐ ALK Phosphate

☐ Acid Phaspatase

☐ CPK

☐ Amylase

☐ LDH

☐ Total Protein

☐ Albumin

☐ Cholestrol

☐ HDL

☐ TG (Triglceides)

☐ K (Pottasium)

☐ Na (Sodium)

☐ CL (Chloride)

☐ HCO3

☐ HPO3

☐ C2

B. HAEMATOLOGY

☐ HB

☐ WBC Total

☐ Differential Count

☐ Granulocytes

☐ MonoLymph

☐ N

☐ L

☐ E

☐ M

☐ B

☐ Platelet Count

☐ Reticulocytes Count

☐ ESR

☐ BleedingTime

☐ ClottingTime

Min

Sec

☐ ProthrombinTime

☐ SicklingTest

Comments

C. URINALYSIS

☐ Appearance

☐ SP Gravity

D. HAEMOPARASITOLOGY

☐ Blood Smear

☐ Malaria spps

☒ Others

E. STOOL

☐ Appearance

☐ Consistency

☐ RBCs

☐ Leucocytes

☐ Pus Cells

☐ Ocult Blood

☐ Parasites

Others

F. MICROBIOLOGY

☐ Sputum

☐ Wet Prep

☐ Swab

☐ India Ink

☐ Seminal Fluid

☐ Analysis

☐ CSF

☐ GramStain

☐ HVS

☐ AFB/ZNStain

☐ C/Sensitivity

Report Microbiology

G. BLOOD TRANSFUSION

☐ ABO/RhDGroup

☐ Compatibility Test

☐ Antiglobulin Test

☐ Direct

☐ Indirect

H. IMMUNOLOGY/SEROLOGY

☐ VDRL

☐ Widal Test O

☐ Widal Tetst H

☐ HIVTest

☐ HBV

☐ Preg Test (UPT)

☐ CD4 CD4 Counts

☐ CD4 CD4 Ratio

☐ Brucelia Test

I. OTHERS SPECIFY

Medicine Form

MedicineForm

×

Medicine Form

Patient ID

Patient Name

Date Created

Save

Close

Medicine ID

(New)

COPY

Medicine1

Medicine2

Medicine3

Medicine4

Medicine5

Medicine6

Medicine7

Medicine8

Medicine9

Medicine10

Notes