

CLINIC

MANGEMENT SYSTEM

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Abbreviation	Stands For
P	Patients
PA	paramedics
A	Appointments
P	Procedures
I	Insurance
MS	Medical supplies
S	Suppliers
B	Bills
R	Rooms
MS	Medical_Waste
D	Doctors
E	Equipment
MI	Medical_investigations

Introduction:

[Dr Ashraf Shabib's clinic](#) is a surgery clinic located in Qena governorate in the city of Qus. It is a clinic that specializes in surgical operations, and it is operated and managed by its owner Dr Ashraf Mohamed Shabib. The goal of the system is to create a tool for managing the workflow of The S owner. There was a need for a database that would keep track of patients, appointments, procedures, medication, etc. After contacting the business owner and discussing what will be needed in this database, we began conducting our first actions in the project and that takes us to chapter one.



Fig1. clinic skitch [1]

1 .Database analysis

1. Patients:

- P Name
- P gender
- P id
- P Date of birth
- P age
- P Address
- P Phone number
- P Insurance
- P Allergies
- P Medical history

3. Appointments:

- A Patient id
- A patient name
- A NO.
- A type
- A time
- A Follow update.

4. Procedures:

- P CPT
- P Patient name
- P equipment
- P number
- P cost
- P date and time
- P paramedics name
- P medical supplies
- P Duration
- P room

5. Insurance:

- I Provider name
- I Policy number
- I patient name
- I patient SSN
- I discount.

6. Medical_Supplies

- MS id
- MS name
- MS total amount

2. Paramedics:

- PA Id
- PA Name
- PA phone
- PA address
- PA e-mail
- PA SSN
- PA Gender
- PA Salary
- PA Role
- PA experience
- PA skills
- PA Shift
- PA qualification
- MS consumption
- MS available
- MS expiry date.

7. Suppliers

- S name
- S phone
- S email
- S address

8. Bills

- B Patient ID
- B patient name
- B Service date
- B Total amount

9. Rooms

- R capacity
- R number
- R type
- R contents
- R floor

10. Medical_Waste

- MW company name
- MW phone number
- MW date

11. Doctors

- D Id

- D Name
- D phone
- D address
- D e-mail
- D Salary
- D experience
- D Shift

12. Equipment

- E type
- E amount
- E serial number
-

- E last maintenance date
- E sterilization

13. Medical_Investigations

- MI patient name
- MI Diagnosis
- MI Needs a procedure.
- MI medications
- MI medical lab analysis
- MI medical Radiology

3.Relationships

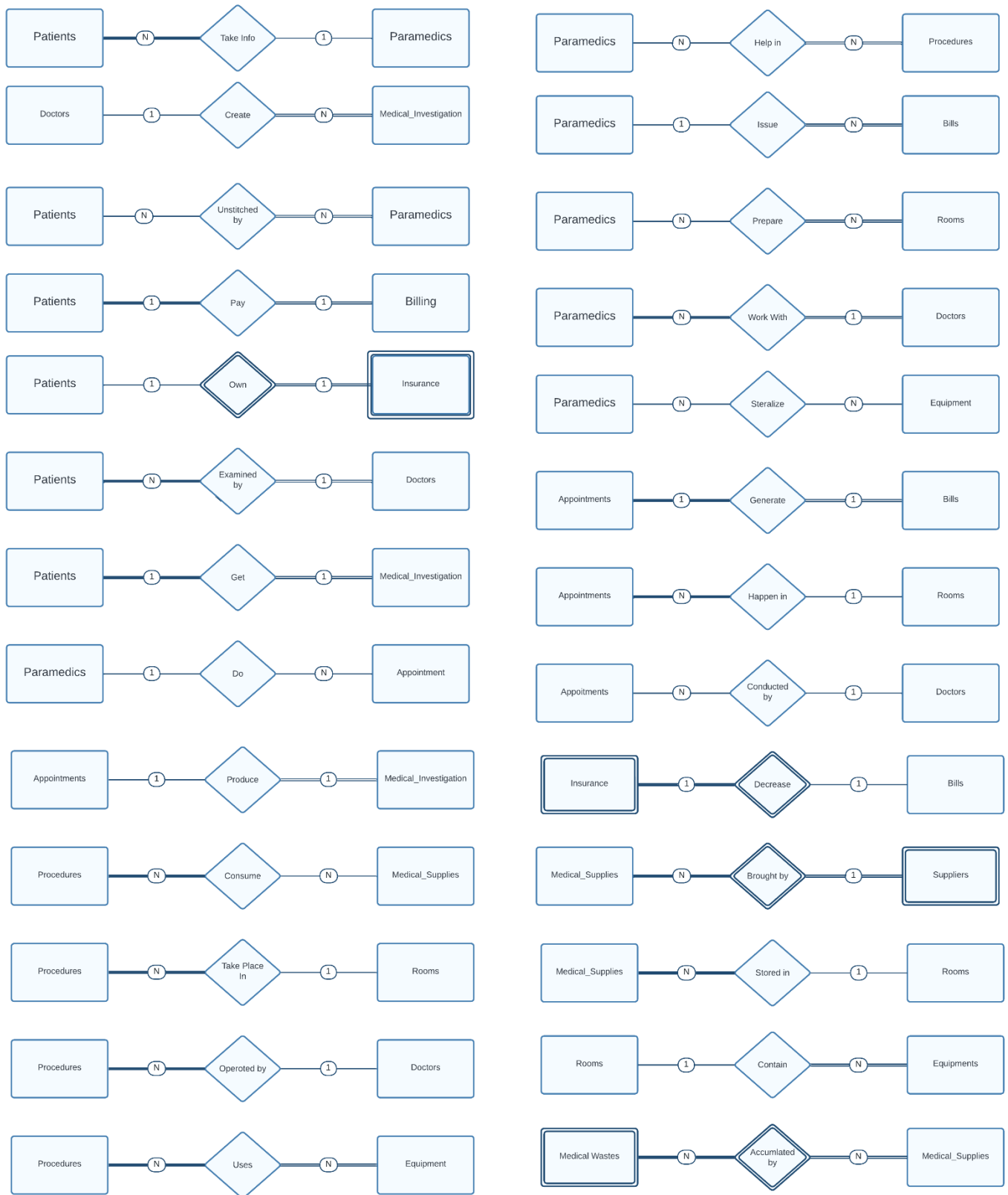


Fig3. relationships [3]

4. Physical copy of ERD

