



Team members:

- ▶ ***Khaled Mohamed El Saeed Mohamed.***
- ▶ ***Mahmoud Ahmed Mahmoud Mohamed.***
- ▶ ***Amal Mohammed Rashad.***
- ▶ ***Mahmoud Atalla Said.***
- ▶ ***Manar Abdel Monem .***
- ▶ ***Mohamed Mosbah Aid.***
- ▶ ***Nora Salah Mahmoud Hassan.***

under supervision : Eng\ Ahmed Tawfik

Introduction:

Medical engineering is one of the scientific disciplines that has begun to spread significantly around the world as the U.S. Bureau of Labor indicates that the medical engineer will remain the second best job in the United States until at least the end of 2020 because of the importance of the role that the specialty offers in society.

There are several definitions of medical engineering and the American Society of Engineering in Medicine indicates on its website that engineers possess knowledge of basic sciences (physics, chemistry, biology). And also possess the applied knowledge accompanying these basic sciences, and since the human

body has devices that perform specific vital functions, these engineers become the ideal to integrate basic and applied knowledge and harness it to solve the problems of doctors by designing devices and processes that meet their needs in diagnosis, treatment and organ compensation. *Always distinguishes the medical field, they are always informed and search for everything new in the medical field. They can follow the most important updates, medicines, diseases, surgeries and other research that are updated at the rate of every second of the day. So we offer you the best Android applications that help you to see even when you are outside the house and at any time you want, which are very useful global applications.*

Problem Definition and Solution :

Waste time finding a suitable doctor:

There is a lot of time wasted so that I can find a doctor whose specialty is suitable for the problem I have and I might go to a doctor that is not suitable and there might be a doctor closer to me without knowing and it will save time and effort in reaching a suitable doctor.

Waste time booking an appointment with a doctor:

A lot of time is wasted waiting for the doctor's turn because of the large number of patients and the delay of the doctor.

No need for a visit and a need for a medical consultation:

I may need a medical consultation or contact the doctor without examination in this case communicate with him in a phone call or a verbal conversation.

I don't have to go to one doctor because I don't know anyone else:

In addition to the possibility of asking a doctor for the house and asking for a nurse too and Choose the service you offer.

The possibility of saving from a doctor and nurse in more than one specialty at different prices and in different places ,and the possibility of choosing between them.

System Overview :



username:

password:

LOGIN

You dont have an account? create one now

CREATE A NEW ACCOUNT



Log In :

The screen that appears while entering the application every time and It asks the user for the name and password and it is possible to enter the Register to register for the first time.

Sign Up

Welcome To Roshetaa

Name

Mobile number:

New Password

confirm your password

Gender:

☐ Male ☐ Female

SIGN UP

fill all following required information

sign up :

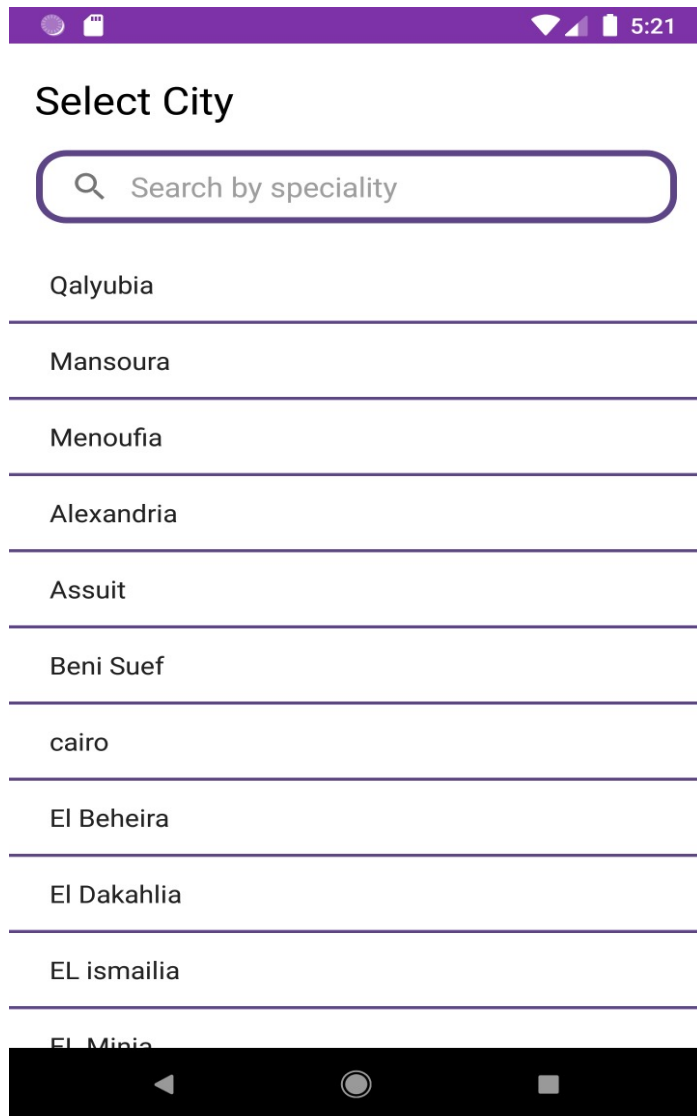
The screen that appears during the entry of the application for the first time, It asks the user for the name, phone number and new code and confirms it and there is a button to log in after the operation is successful.

Enter the code sent: _____

CONTINUE

screen of Code:

The screen shows the code to confirm the code.



select city:

The screen show list view of all cities , Select Your City or search for it in the search bar from all Cities in Egypt.

Need a doctor?

Book online or call us to help you



Book an appointment in Clinic



Book a call with a doctor



Book a home visit



Read Medical Articles

you logged successfully

Select Service:

This screen show all service in the application and show the type of service , and when you select any service will move to another screen you will see all the details in this service .

Confirm your reservation



Service type

Home Visit

Patient Name: _____

Patient Number: _____

Booking Date: _____

Address: _____

CONFIRM

Home Visit :

The screen that appears when the customer chooses a visit at home, The patient confirms the name, number ,data,and address to confirm home follow-up.



Select service type



Doctor Home Visit

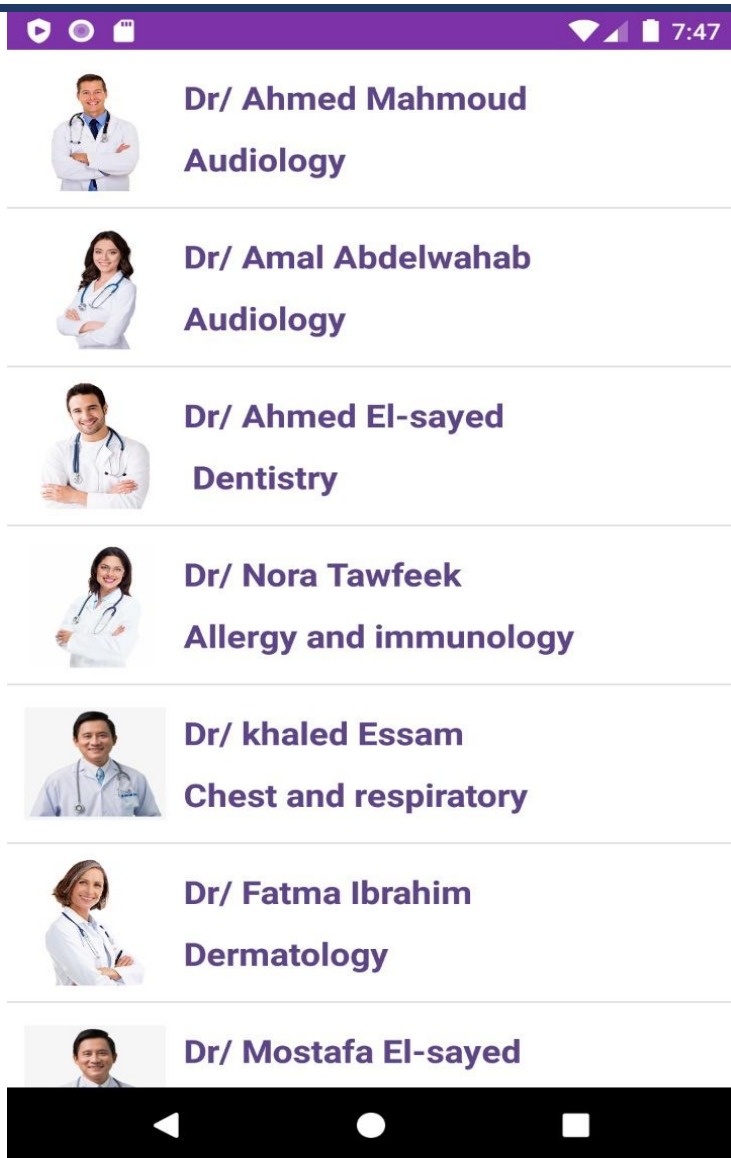


Nurse Home Visit



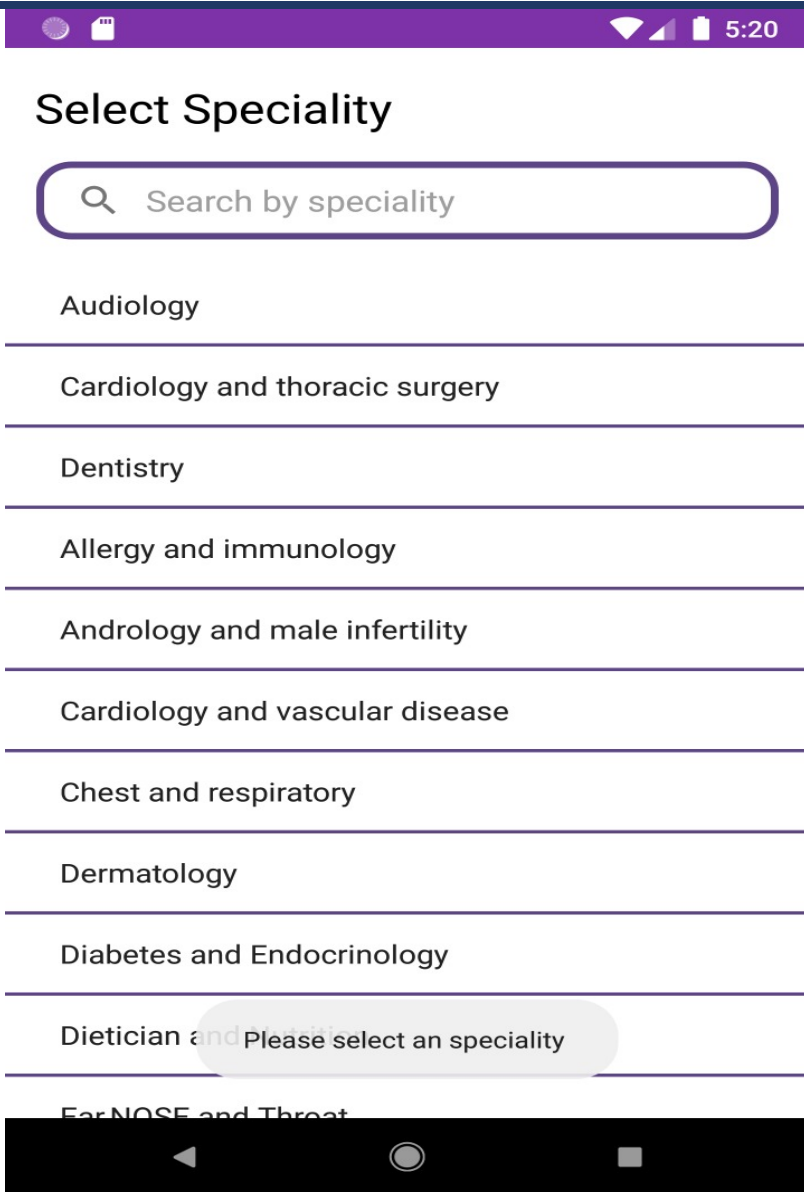
Select service type:

Through this screen you can choose who will come to visit you at home.



Doctor Data :

This screen explains the names of the doctors and their specialty and you click on it to see all information about them.



Doctor Speciality:

This screen explains the services provided by the doctor and you can choose from it a service or search for it from the search bar.

DR Name: _____

Dr address: _____

Mobile number: _____

Booking Date: _____

Waiting time: _____

GO TO PAYMENT

Please Confirm Your Reservation

Doctor Data :

Appointment booking data with the doctor.

This screen help you See the right doctor for the case and his **appointments (this will appear to you when you click to doctor on the screen of doctors data)** .



Confirm your reservation



Service type

Phone call

Patient Name:

Mobile number:

Booking Date:

Type your promo code...

GO TO PAYMENT

Please Confirm Your Reservation



Confirm Call:

The screen that appears when the customer chooses a phone call, After completing the call request go to the payment page.



Payment method

Visa



Fawry



Cash



We inform you...

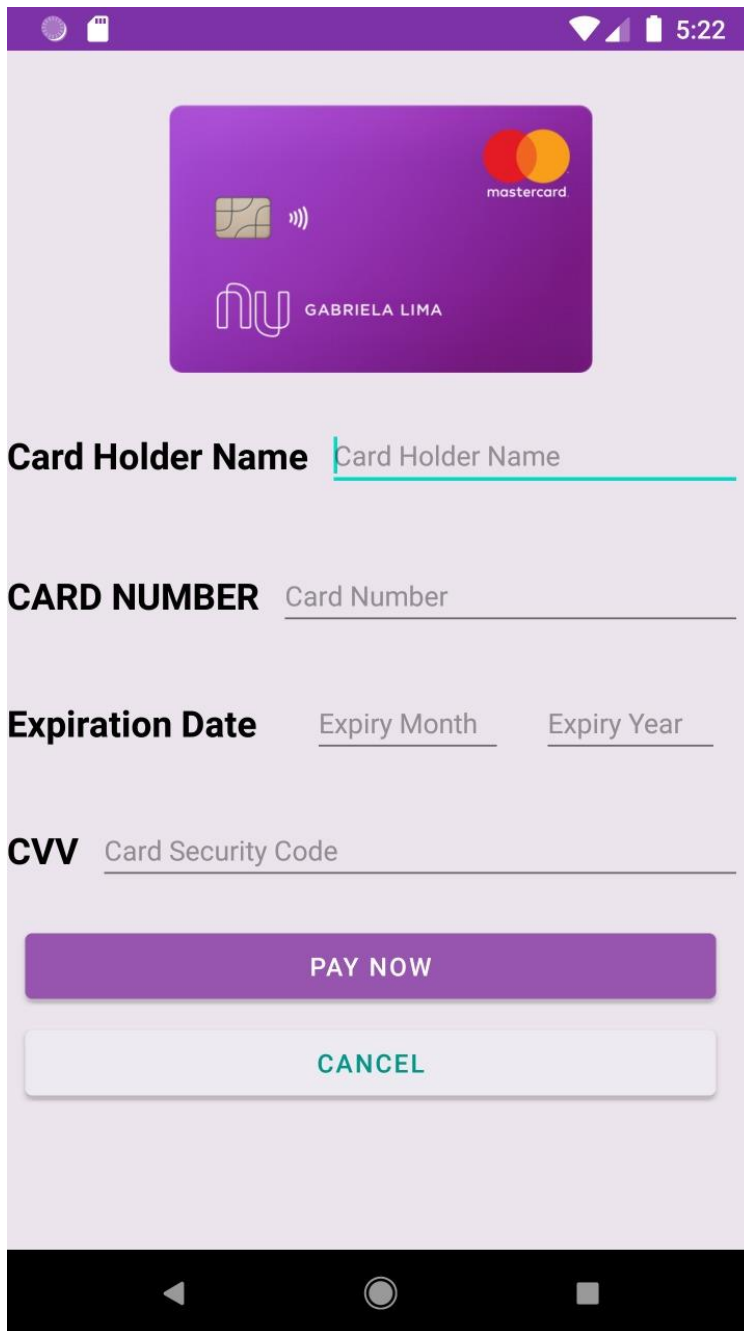
in case of choosing Fawry You will receive a payment code to pay with. in case of you face any problem please call our customer service

How Do you want to pay?



Payment Method :

Our application provides the patient or user to choose a method of payment through Visa, Cash or Fawry to facilitate the payment process.



The screenshot shows a mobile application interface for a payment process. At the top, a purple status bar displays the time 5:22 and various icons. Below this, a purple Mastercard is shown with the 'ny' logo and the name GABRIELA LIMA. The cardholder's name is entered in the 'Card Holder Name' field. The 'CARD NUMBER' field is empty. The 'Expiration Date' is split into 'Expiry Month' and 'Expiry Year' fields, both empty. The 'CVV' field is empty, with the label 'Card Security Code' visible. At the bottom, there are two buttons: a purple 'PAY NOW' button and a light blue 'CANCEL' button. The bottom of the screen shows the Android navigation bar.

5:22

mastercard

ny GABRIELA LIMA

Card Holder Name

CARD NUMBER

Expiration Date

CVV

PAY NOW

CANCEL

Visa Payment:

Visa payment data for the customer.



Your payment was successful

Thank you for your payment. We will
be in contact with more details shortly



Done

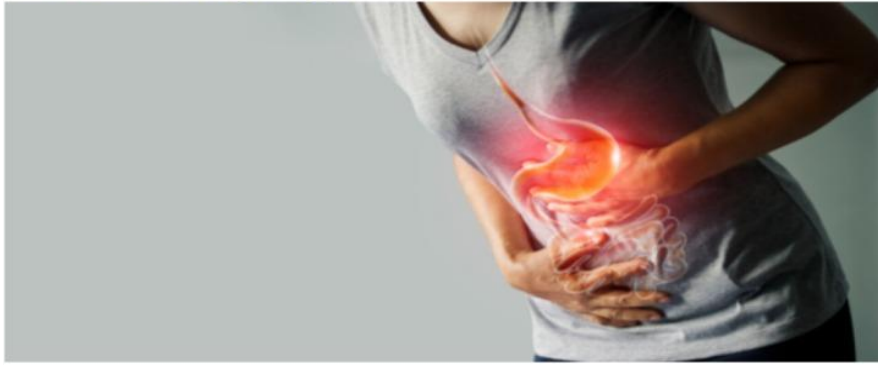


Confirm payment:

This screen appears when you pay successfully.



Why does the heart rate increase when sleeping?



The difference between indigestion and Irritable Bowel Syndrome



Telesurgery: From science fiction to scientific and practical fact

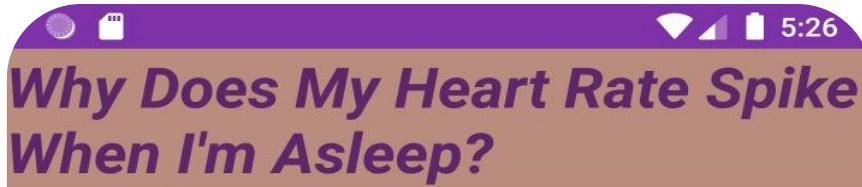


Telesurgery: From science fiction to scientific and practical fact



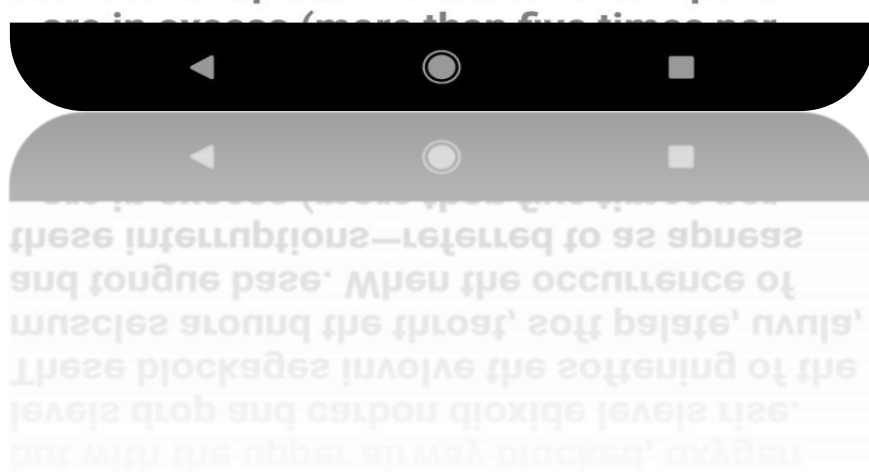
the latest articles: The application also allows you to view the latest medical articles

example to articles:

The image shows a mobile app header with a purple status bar at the top containing icons for signal, Wi-Fi, and battery, along with the time 5:26. Below the status bar is a brown header bar with the title "Why Does My Heart Rate Spike When I'm Asleep?" in white text.

Why Does My Heart Rate Spike When I'm Asleep?

Your body undergoes a number of important recuperative processes during sleep, from cell renewal to muscle repair to restorative brain activity. Changes in breathing, oxygen levels, and heart rate occur as well. These actions are essential to your long-term health. While having a slight fluctuation in heart rate during sleep is normal, it is important to understand the causes of more noticeable spikes in your heart's number of beats per minute. Sleep apnea and heart rate fluctuation A common cause of a rising heart rate during sleep is a lack of oxygen, which is often brought on by obstructive sleep apnea. This is a condition where a person's normal breathing frequency is reduced or sometimes flat-out stopped during sleep. The effort to breathe persists, but with the upper airway blocked, oxygen levels drop and carbon dioxide levels rise. These blockages involve the softening of the muscles around the throat, soft palate, uvula, and tongue base. When the occurrence of these interruptions—referred to as apneas

The image shows a black mobile app navigation bar with three icons: a back arrow, a home circle, and a recent apps square. Below the navigation bar is a faded version of the text from the previous block, which is not legible.

these interruptions—referred to as apneas and tongue base. When the occurrence of muscles around the throat, soft palate, uvula, These blockages involve the softening of the levels drop and carbon dioxide levels rise. not with the upper airway blocked, oxygen

The image shows a mobile application interface. At the top is a purple status bar with icons for signal, Wi-Fi, and battery, and the time 5:27. Below this is a brown header bar with the title 'Herbal medicines' in purple. The main content area is white and contains a paragraph about herbal medicines. Below the paragraph is another brown header bar with the title 'Potential issues with herbal' in purple. The text continues below this, but is partially obscured by a black navigation bar and a greyed-out duplicate of the same content area at the bottom.

Herbal medicines

Herbal medicines are those with active ingredients made from plant parts, such as leaves, roots or flowers. But being doesn't necessarily mean they're safe for you to take. Just like conventional medicines, herbal medicines will have an effect on the body, and can be potentially harmful if not used correctly. They should therefore be used with the same care and respect as conventional medicines. If you're consulting your doctor or pharmacist about health matters, or are about to undergo surgery, always tell them about any herbal medicines you're taking.

Potential issues with herbal

If you're taking, or plan to take, any herbal medicines, be aware of the following: They may cause problems if you're taking other medicines. They could result in reduced or enhanced effects of the medicine, including potential side effects. You may experience a bad reaction or side effects after taking a herbal medicine. Not all herbal medicines are regulated. Remedies specially prepared for individuals don't need a licence, and



[GO TO MAIN PAGE](#)

[LATEST ARTICLES](#)

[LOG OUT](#)



end screen:

This screen appears to indicate the end of the process and asks the patient if he wants to make any changes, return to the program, or go to see the latest articles.