

# K VID19

Your safety is our duty

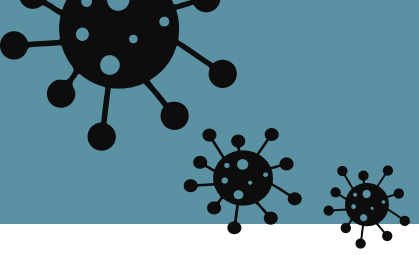




# Agenda

- 01** Intro to our system
- 02** System platforms
- 03** System access modes
- 04** Provided services
- 05** Future work

# Meet Our Team



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Taha Talaat Taha Mahdi Abd-Elrahman



# Intro to our system

## Problem definition

- The main problem that prompted us to implement this idea is the lack of a suitable platform through which the user can perform various operations related to the emerging corona virus pandemic.
- This was a strong motive for us to do this project and implement that idea to save the user the trouble of switching between different platforms to do a particular operation.
- The need to provide an automated platform to practice and manage all deferent operations related to medical field

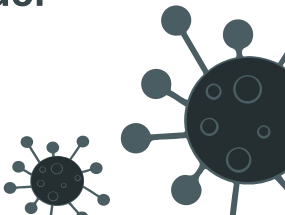




# Intro to our system

## Project objectives

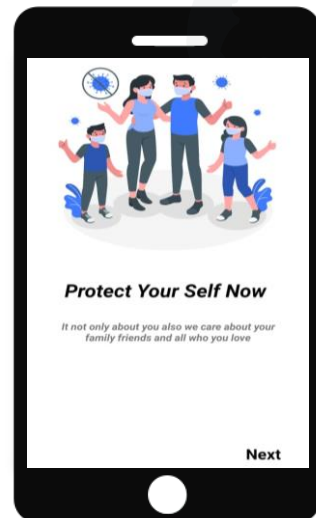
- Create a user-friendly platform that provide a suitable services provision to all different users deals with the system to perform set operations easily and efficiency.
- Create a communication channel between different users such as communication between patient and doctors or system admins, thus, to achieve the integration between all operations performed on the system
- Provide a secure and customizable content to each user according to the operations they could perform
- Provide the system across different platforms so that users could access the system under different circumstances





# System platforms

- The system is available as a web site and also available on as an application on mobile phones.
- Both platforms nearly has the same features with some differences depending on the user access mode.





# System users

## Project objectives

- The system deals with three main users :
  - > patient
  - > doctor
  - > admin
- For each user there is a set of operations for this user to perform and manage
- We will discuss each user main function in the following slides

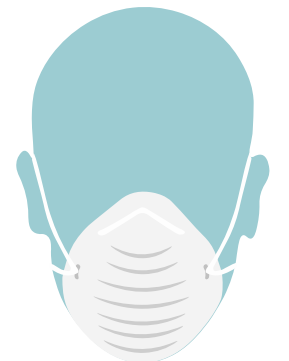




# System users

## Patient

- To completely use system features and operations, Each patient creates an account on the system and gets customizable profile allows him to edit its personal information's.
- By creating an account the user could access a set of features an services provided by the system such as :
  - Test reservation
  - Dose reservation
  - Doctor consultation ( live )
  - Etc...
- The user could access there account either using the mobile app or the website







# System users

## Doctors

- Also doctors should create a user account To completely use system features and operations.
- Doctor accounts allows there owners to perform some operations and use system services such as :
  - Managing there profile
  - Check scheduled patient consultation and start them
  - Replay to patients chat requests
  - Etc...
- The doctor could access there account either using the mobile app or the website

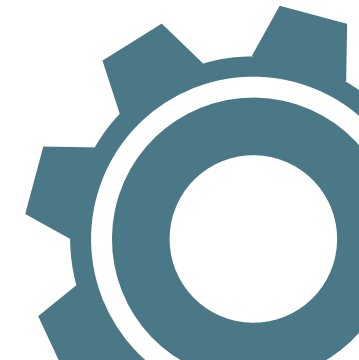




# System users

## Admins

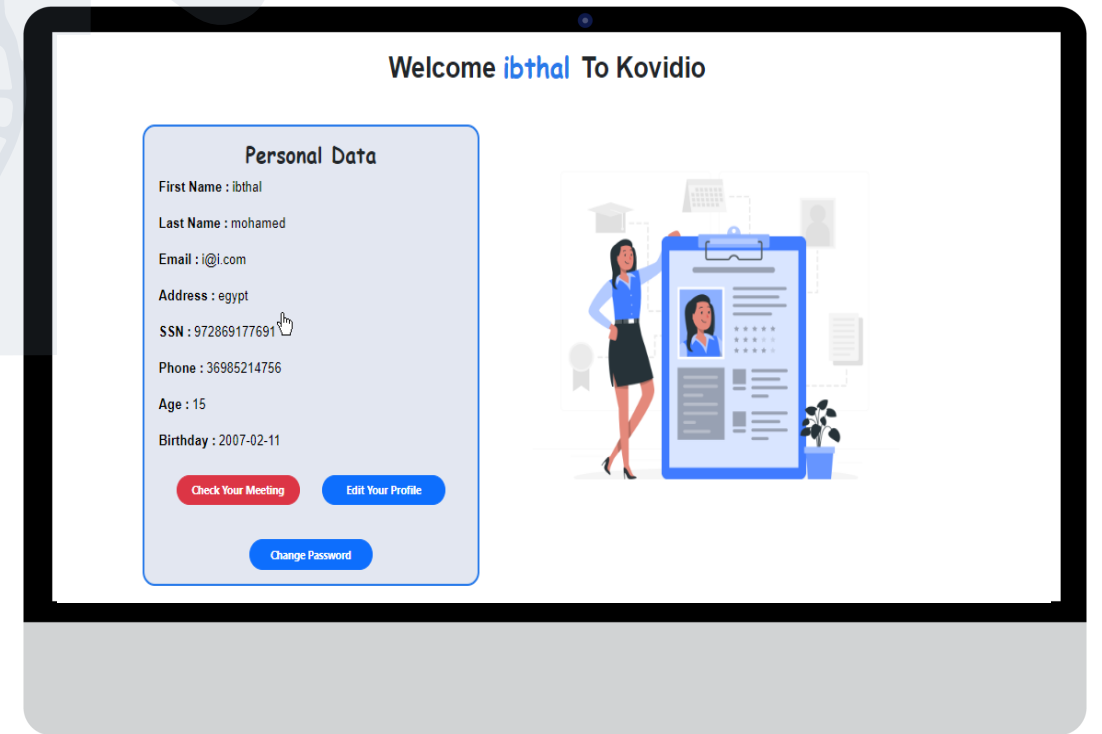
- Admins are the most privileged users on the system, they have a set of management services and operations enable them to completely manage the system and monitor its performance.
- Admin accounts allow their owners to :
  - Get reports about all system users and operations
  - Get reports about all system transactions and reservations.
  - Edit any reservation details or abort them
  - Etc...
- Admins could access the system through the website to perform different operations





# Users profiles

- Each user on the system due to access the system should create account ( profile ).
- The user could edit there personal details such as phone numbers, email and other data.
- Each account provide a customized experience for the user





# System services

- In the following slides we will discuss all services provided by the system, and the users could use service

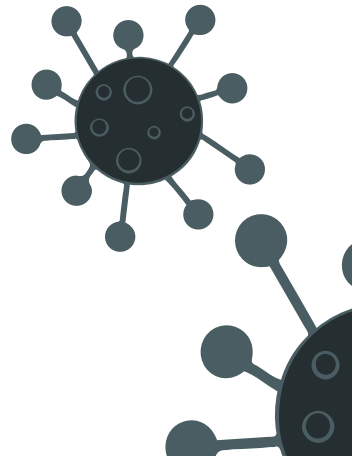




# Provided services

## Login & register

- To make use of the system complete functionality each user will login to the system using an email and password.
- Log in data is validated with the accounts data on the database for security issues
- Also the user could reset password or create account if he don't have
- If the user do not have an account he could easily create one The a new user account is added to the system data base
- Admins could access the system through the website to perform deferent operations





# Provided services

## Login & register

Illustration of two healthcare workers in blue scrubs and masks standing next to a table with medical supplies.

### Login

Email  0  
Required\*

Password  0/8  
Required\*

[Forget Password](#)

**LOGIN**

[New Sign Up](#)

**K<sup>o</sup>VID19** Home **Login** Register Contact Us

Username or Email

Password

[Do You Forget Password?](#)

[Don't Have Account..](#)

**Login**

Illustration of a person interacting with a large smartphone screen displaying a user profile, with gears and a plant in the background.



# Provided services

## Reserve vaccine dose


- The system user could reserve ( schedule ) a reservation appointment for a specific vaccine dose
- After a successful reservation process the reservation data is saved in the data base
- The dose reservation data is viewed from the database to the user on his account dose view
- Second dose data is derived from first dose data





# Provided services

## Reserve vaccine dose



←

Choose Vaccine

Choose Health Care Center


Choose Date

Required\* 0/20

Choose Time

Required\* 0/20

Confirm



K VID19

Profile Services Test **Dose** Contact Doctor Log Out

*i* You are now on the right path to prevent corona virus

*i* You will experience some side effects as a result of the vaccine

*i* Please stick to the time you choose

BBB

benha [ benha ]

mm/dd/yyyy

--:--

Book Now





# Provided services

## Test reservation

- To reserve a test, all the user needs to do is to choose test name, health care center, data and time
- After the reservation is approved the reservation data is saved to the data base
- The user could browse his list of reservations by navigating to “My tests” page

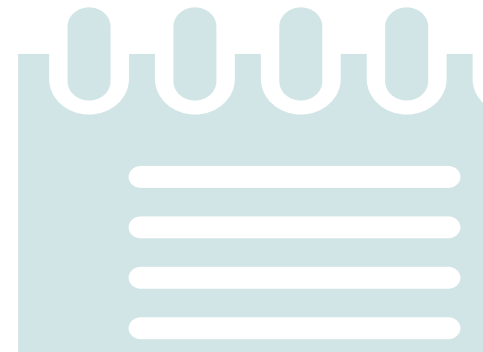




# Provided services

## Edit & Delete Reservation

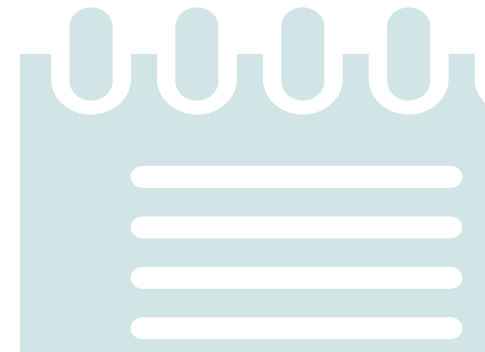
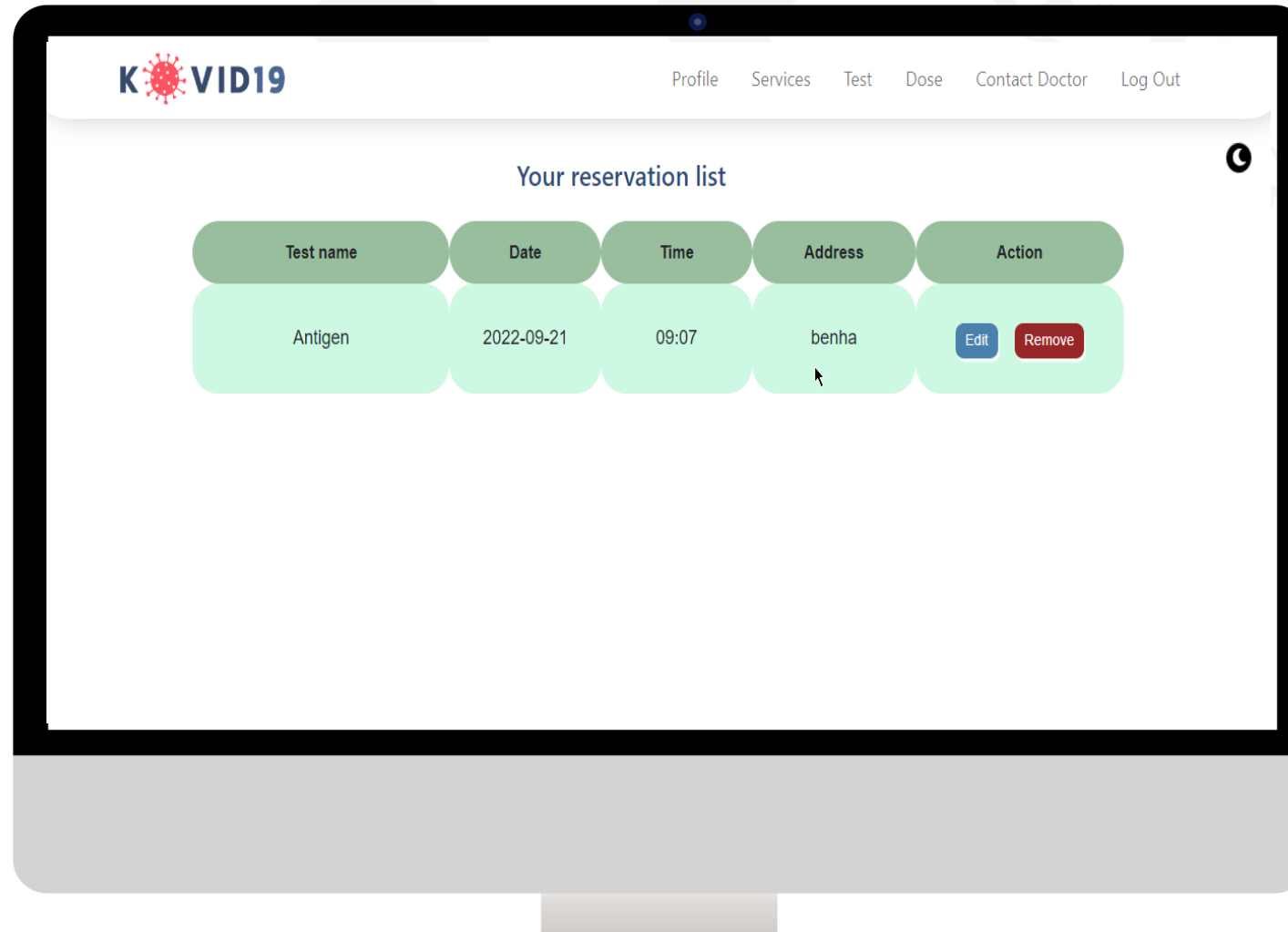
- From the reservation list the user could edit reservation details or completely delete this reservation
- When the user click remove this reservation is completely deleted from system database
- When the user clicks Edit an editing form appeared to the user with the current reservation data, this form allow the user reservation details ( time and date ).
- After editing the hits confirmation button and it is done, data is updated





# Provided services

## Edit & Delete Reservation





# Provided services

## Contact with Doctor

- Here the user could communicate with doctor Medical consultation, they should choose the doctor to communicate with the purpose for communication a short description for the reason he contacted for.
- When the user clicks Send, the message is sent to the doctor via mail and the doctor could replay to users' messages and so on.





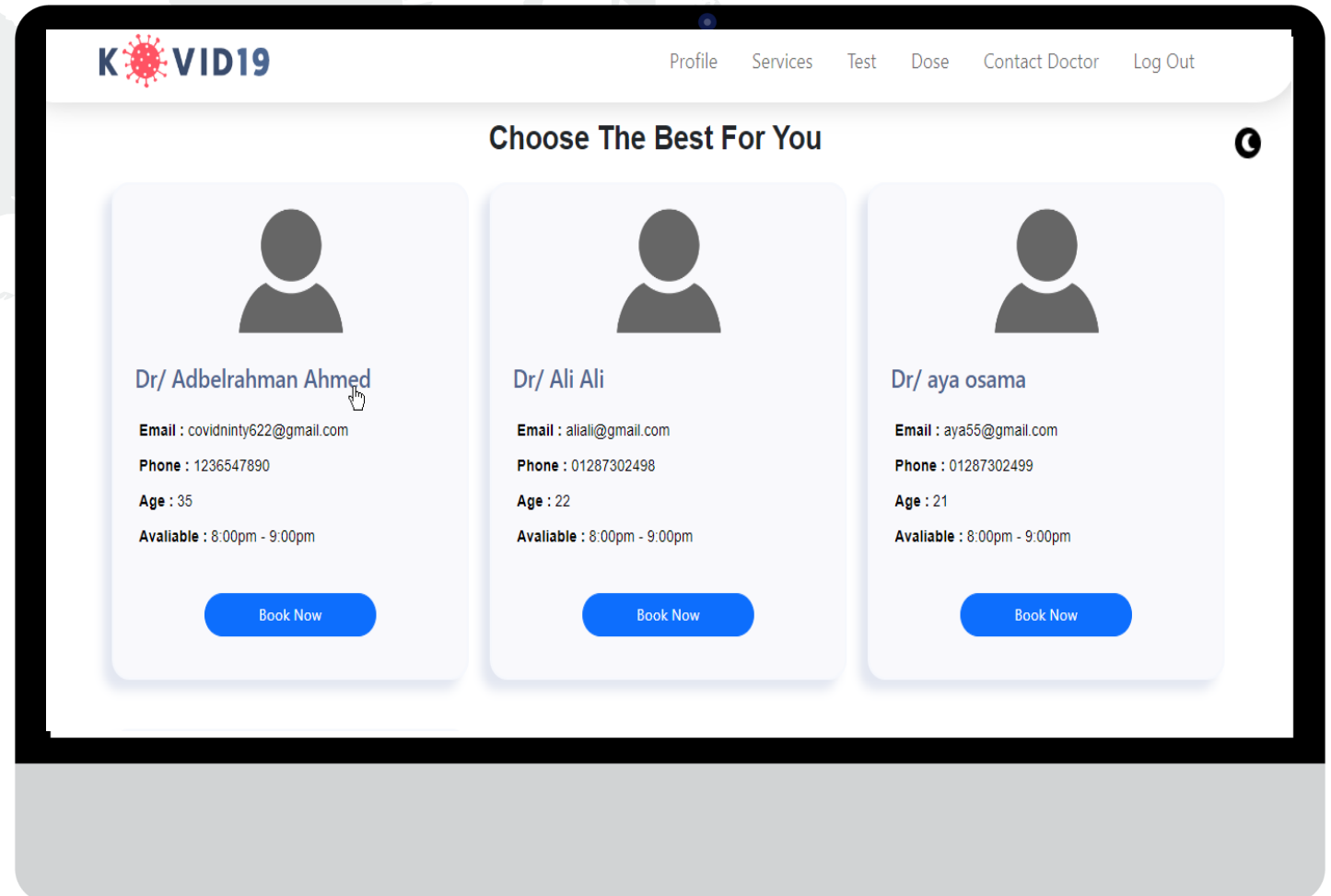
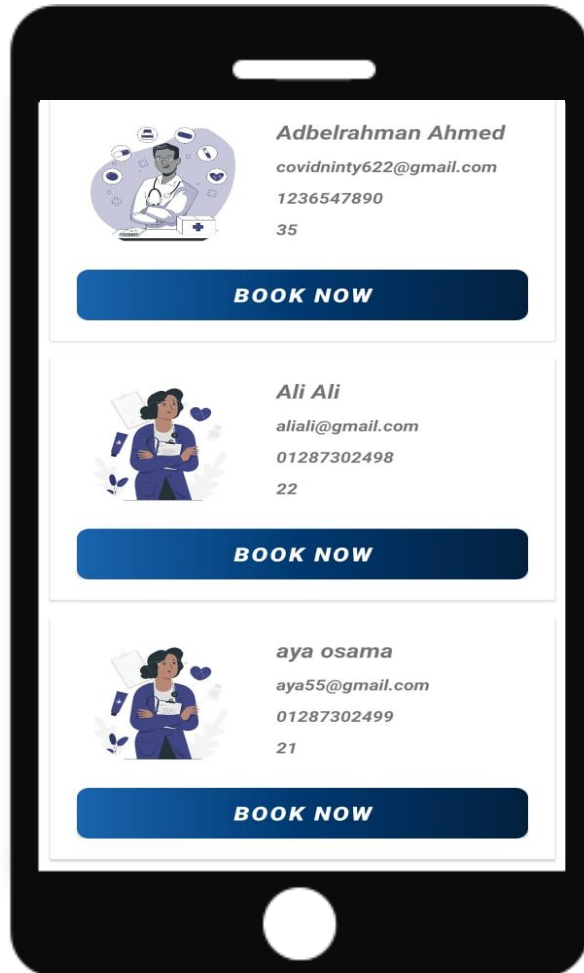
# Provided services

## Reserve Doctor Consultation

- The user is provided by a list of available doctors that he/she could reserve a consultation with
- This feature enables users ( patient ) to reserve a consultation appointment with the doctor he prefers and the time he wants.
- This consultation is a live consultation, in which the user could talk to the doctor Face To Face.
- It also includes some features such as sharing data, video and chat during consultation
- Neither doctor nor patient should open an external chat service, it is completely done into the website

# Provided services

## Reserve Doctor Consultation

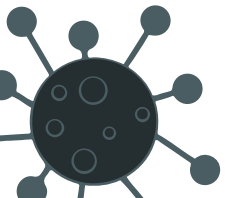




# Provided services

## Doctor profile

- Each doctor has its own profile, he/she could update his profile data or change account access password.
- This consultation is a live consultation, in which the user could talk to the doctor Face To Face.
- It also includes some features such as sharing data, video and chat during consultation





# Provided services

## Patients messages

- Each doctor through his account, he could browse all messages sent to him from patient.
- The system enables the doctor to reply to all patient messages sent to him.
- Neither doctor nor patient should open an external chat service, it is completely done into the website
- Messages between doctor and patient is also been notified to doctor and patient in their mail box








# Provided services

## Patients messages



**Personal Data**

First Name : ibihal  
Last Name : mohamed  
Email : i@i.com  
Address : egypt  
SSN : 972869177691  
Phone : 36985214756  
Age : 15  
Birthday : 2007-02-11

[Check Your Meeting](#) [Edit Your Profile](#)

[Change Password](#)

You have Sent 1 Messages :

Message #1 :  
Hello

15



# Provided services

## Consultation requests

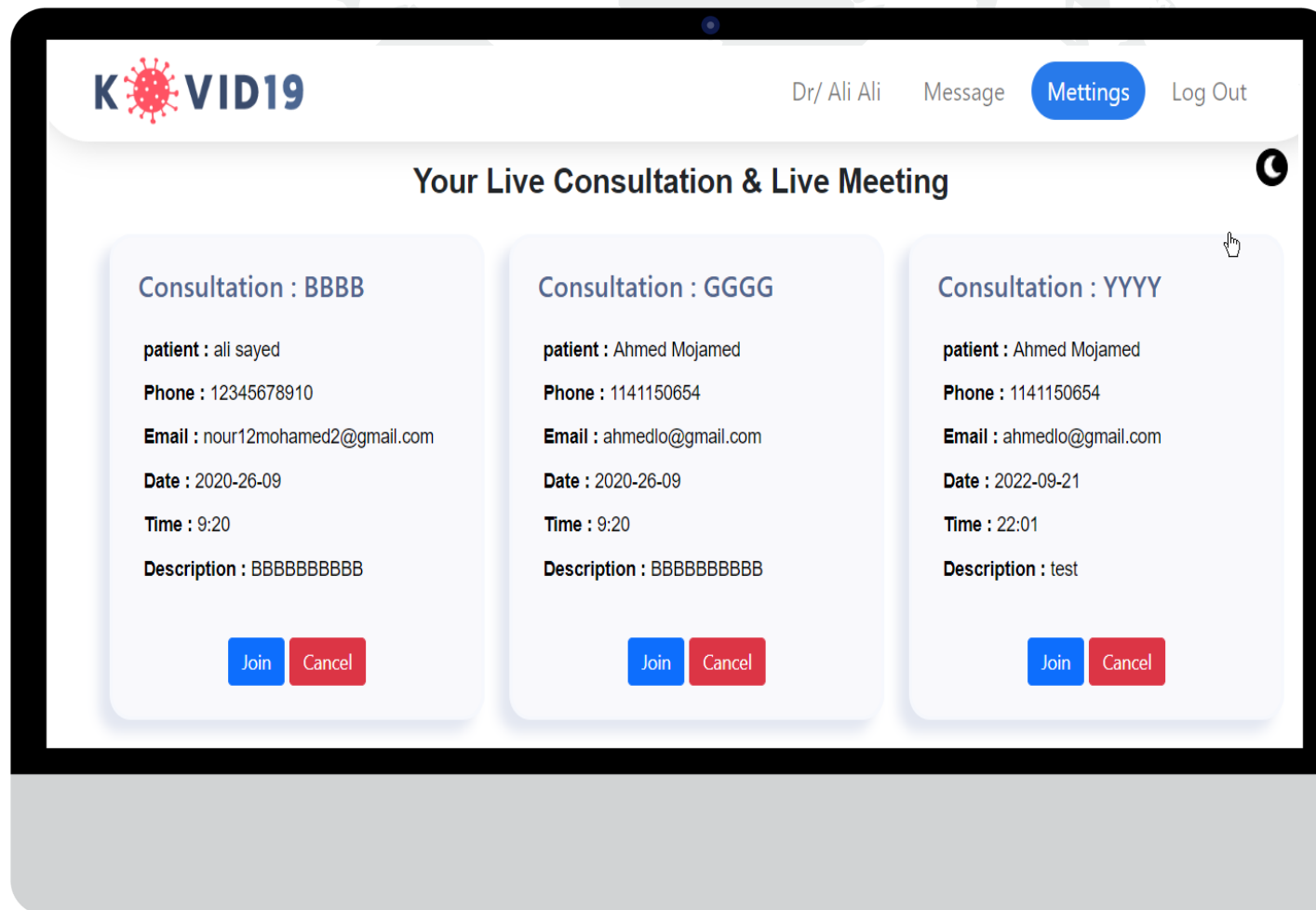
- A list of consultation requests for a specific doctor is viewed in this doctor profile page
- By the time of the consultation the doctor only needs to press join to start the live consultation with the patient
- The live consultation is done internally within the website or mobile app without any need to use external live consulting service





# Provided services

## Consultation requests



The screenshot shows a web application for COVID-19 consultations. The header includes the logo 'K VID19' with a virus icon, and user information 'Dr/ Ali Ali' with links for 'Message', 'Mettings' (highlighted in blue), and 'Log Out'. The main section is titled 'Your Live Consultation & Live Meeting' and contains three consultation cards. Each card displays patient details, contact information, date, time, and a description, along with 'Join' and 'Cancel' buttons.

Consultation ID	Patient Name	Phone	Email	Date	Time	Description
BBBB	ali sayed	12345678910	nour12mohamed2@gmail.com	2020-26-09	9:20	BBBBBBBBBB
GGGG	Ahmed Mojamed	1141150654	ahmedlo@gmail.com	2020-26-09	9:20	BBBBBBBBBB
YYYY	Ahmed Mojamed	1141150654	ahmedlo@gmail.com	2022-09-21	22:01	test





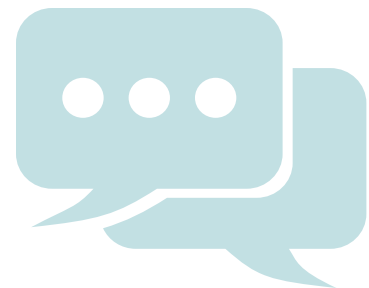
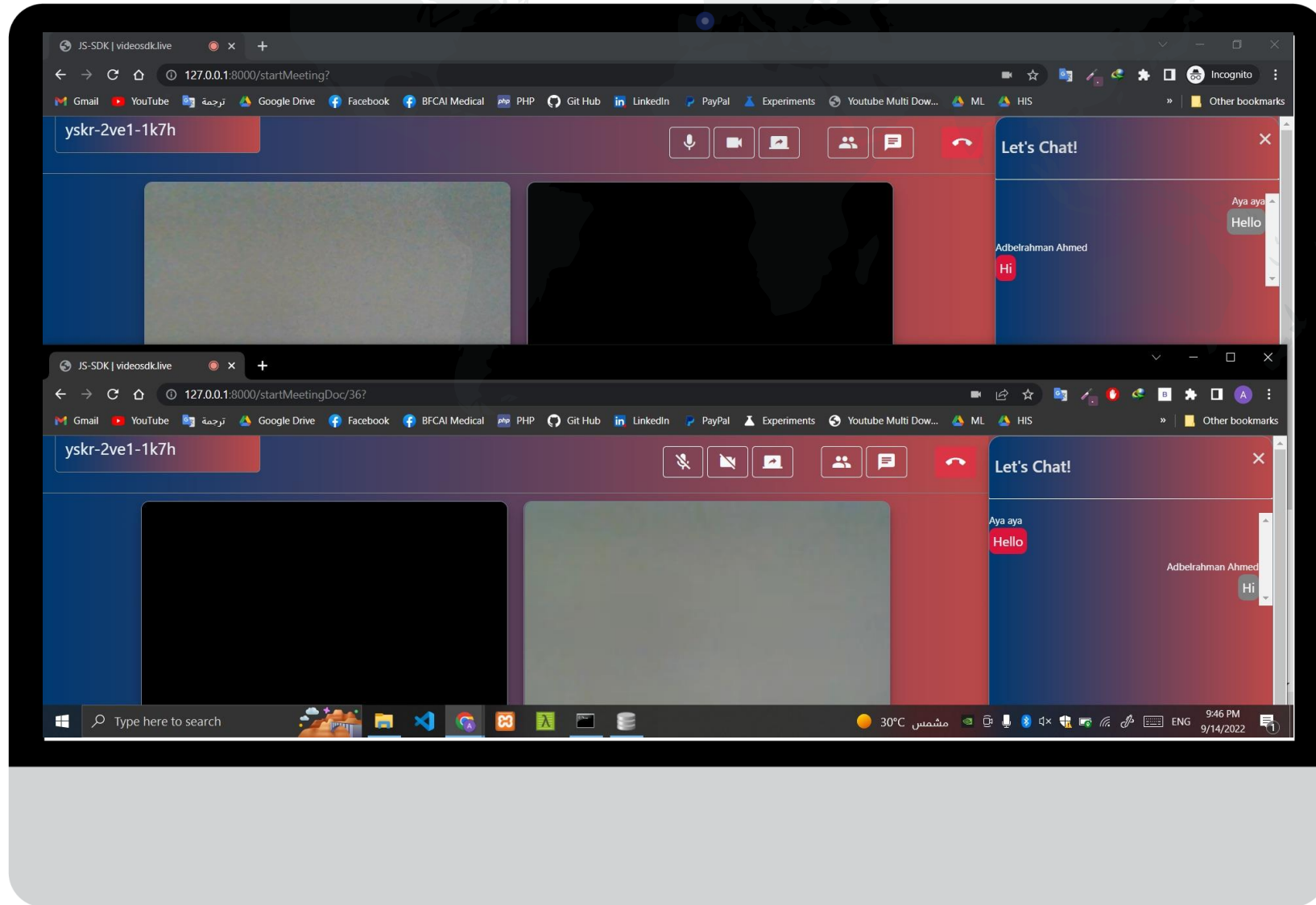
# Video Consultation

- Video consultation service provides a face to face video chat between doctor and patient and also between Admin and its staff ( live meeting ).
- This feature facilitates the communication between doctor and patient, without any need for physical ( at hospital or clinic ) consultation.





# Video Consultation





# Admin dashboard

## Managing and Monitoring

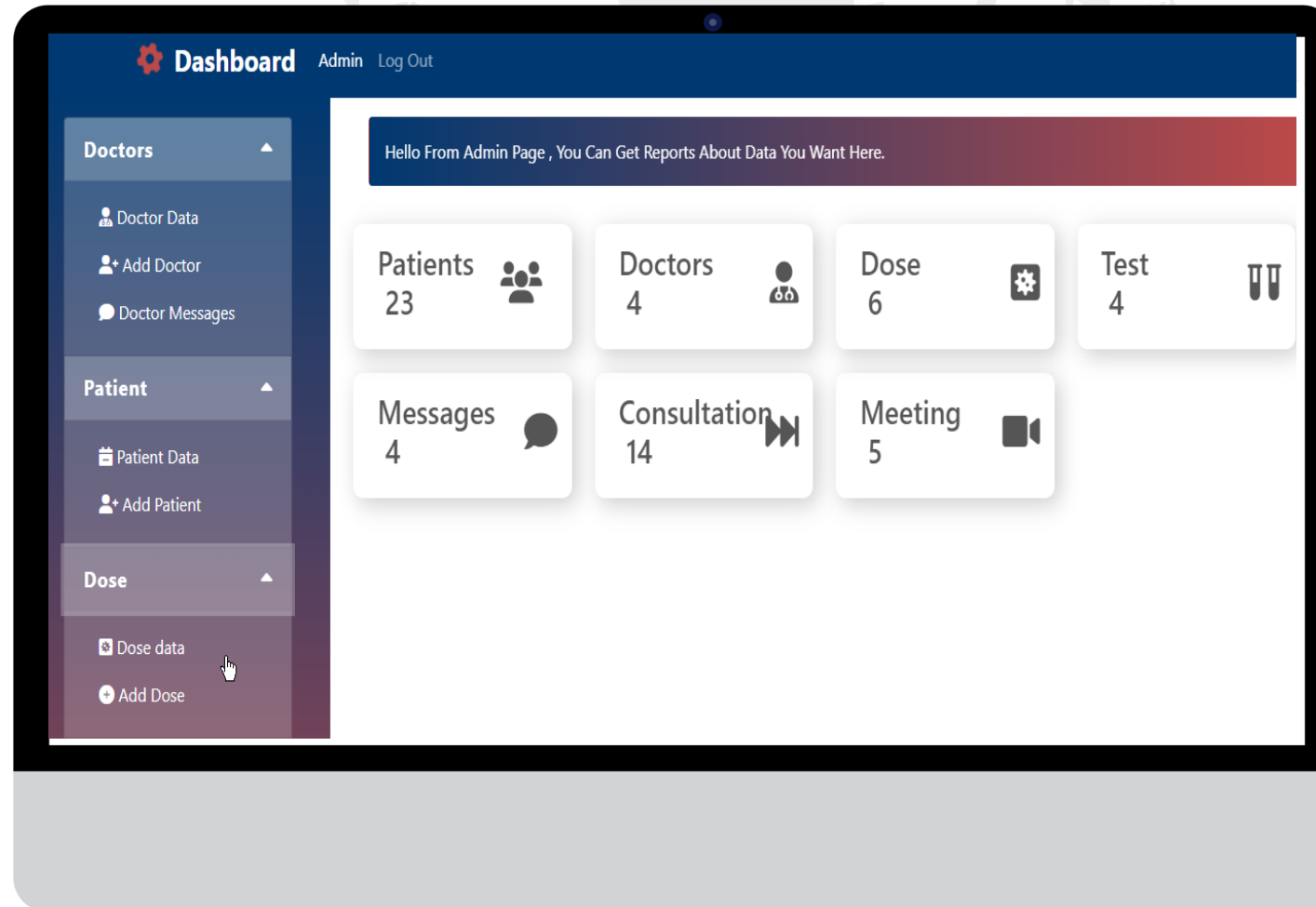
- The admin users of the system have a different system view of control to control all system operation
- The system provides a control panel to manage all system operations, transactions and controls.
- This control panel also enable admins to monitor all system transactions.





# Admin dashboard

## Managing and Monitoring

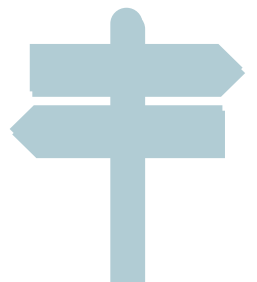




# Admin dashboard

## Users accounts control

- Admin could edit or update some attributes of users accounts such as emails phone numbers and so on
- Also admin could add or remove users ( patient or doctors ) accounts from the system.
- Admins also could browse some data related to system users such as







# Admin dashboard

## Users accounts control

**Dashboard** Admin Log Out

Doctors ▲

- Doctor Data
- Add Doctor
- Doctor Messages

Patient ▼

Dose ▼

Test ▼

Live Conversation ▼

Appointment ▼

Radiology ▼

Hello From Admin Page , You Can Get Reports About Data You Want Here.

[Get Doctor Data Now ↴](#)

Data About 4 doctors in System  
Date : 14-09-22 05:58:09

ID	Name	Age	Phone Number	Email	Edit	Del
1	Adbelrahman Ahmed	35	0102569356	abdelrahman.ahmed2410@gmail.com	<a href="#">✎</a>	<a href="#">✖</a>
3	Ali Ali	22	01287302498	aliali@gmail.com	<a href="#">✎</a>	<a href="#">✖</a>
4	aya osama	21	01287302499	aya55@gmail.com	<a href="#">✎</a>	<a href="#">✖</a>
5	lotfy taha	20	01236547890	lll@gmail.com	<a href="#">✎</a>	<a href="#">✖</a>





# Admin dashboard

## System Transaction Management

- Admin could manage different transactions done on the system.
- Admins could edit or remove some transactions performed by system users such as reservations edit and update.





# Admin dashboard

## System Transaction Management

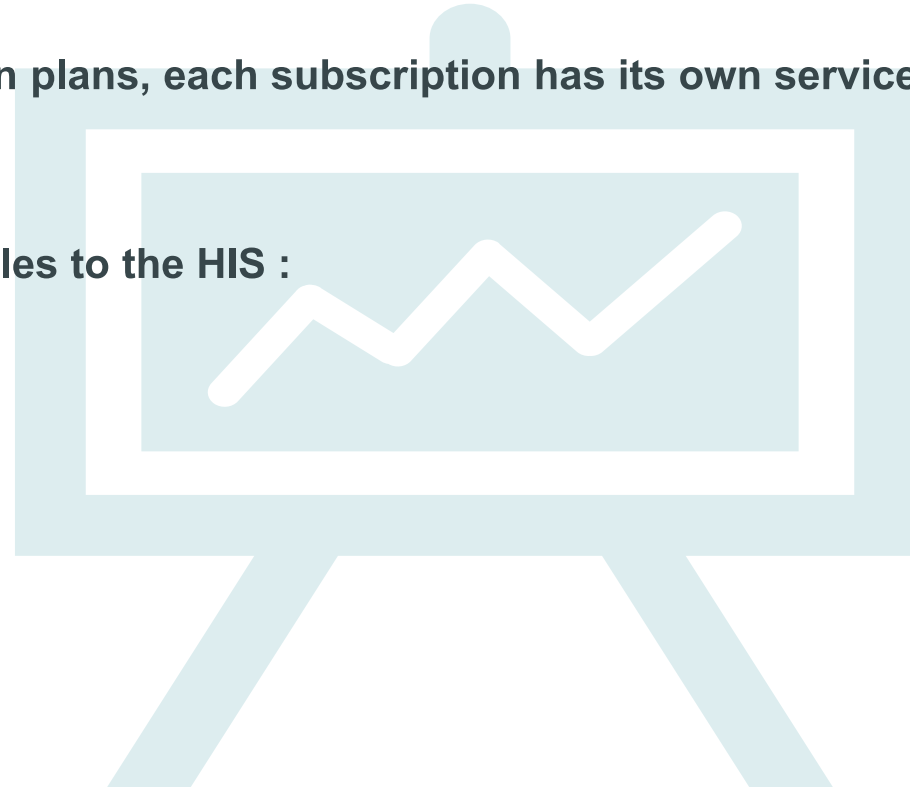
The screenshot shows an Admin dashboard with a dark blue header and a sidebar. The header includes a gear icon, the word "Dashboard", and links for "Admin" and "Log Out". The sidebar contains a list of menu items: "Doctors", "Patient", "Dose", "Test", "Test data" (with a sub-menu), "Add Test", "View Patient tests", "Live Conversation", "Appointment", and "Radiology". The main content area has a red banner with the text "Hello From Admin Page , You Can Get Reports About Data You Want Here." and a red button labeled "Get Test Reservation Data Now". Below this is a section titled "Data About 2 Test Reservations in System" with a timestamp "Date : 14-09-22 05:59:33". A table displays the reservation data with columns for Patient Name, Test Name, Test Date, Test time, Health Care Center, HC Address, Edit, and Del.

Patient Name	Test Name	Test Date	Test time	Health Care Center	HC Address	Edit	Del
Aya aya	CBC	2022-09-22	16:01	giza	giza		
Il qq	X-ray	2022-09-16	11:22	cairo hcc	cairo hcc		



# Future Plan

- Adding more paid and free features such as :
  - >> Auto billing
  - >> multiple reservations for the same patient
- Adding subscription plans, each subscription has its own services and features
- Adding more modules to the HIS :
  - >> Radiology
  - >> Ambulance
  - >> Front Office
  - >> etc....



THANK YOU

