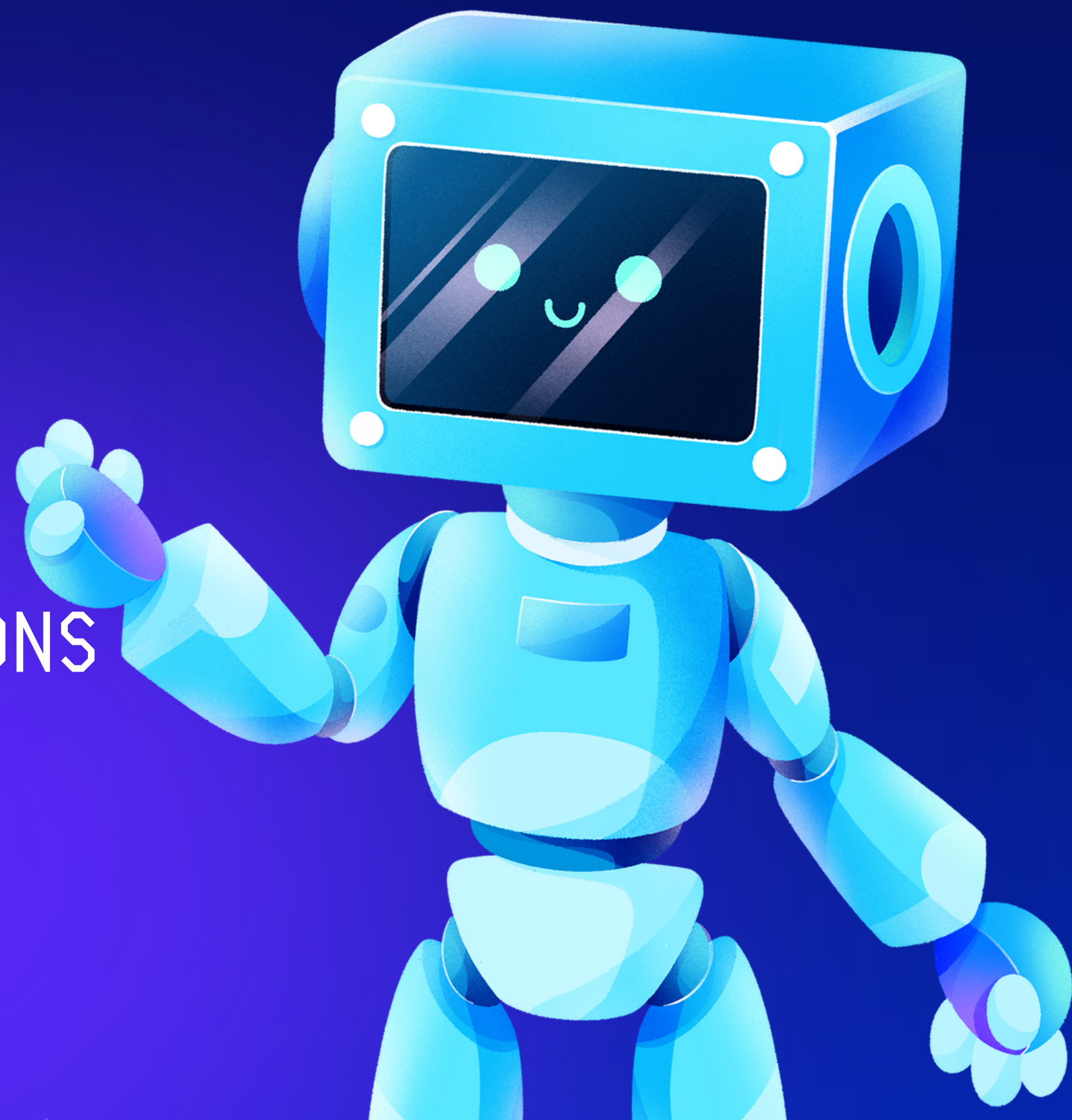


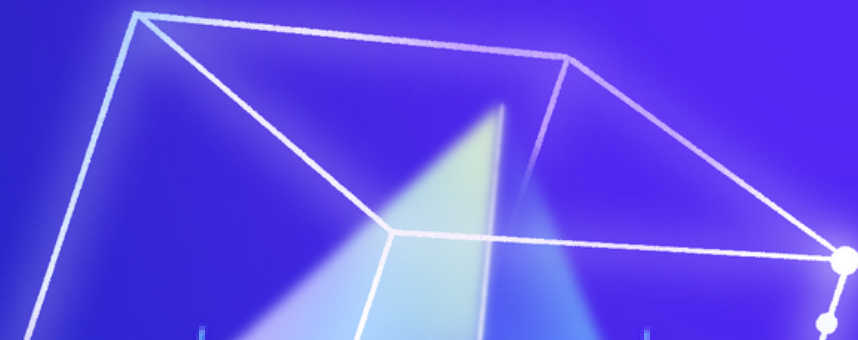
AI OASIS

SKYDOC

REMOTE HEALTHCARE SOLUTIONS



By Rajath V
Team: RVG



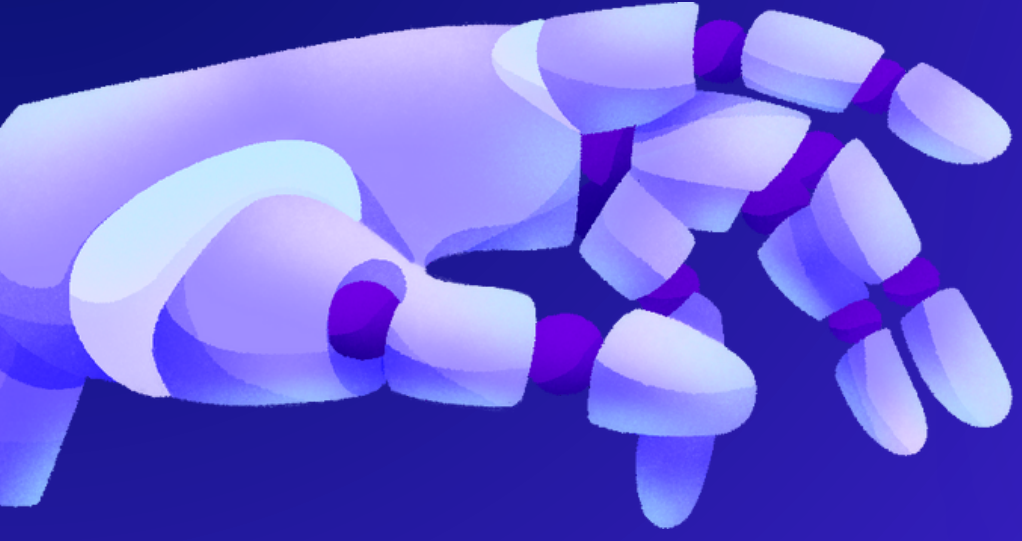
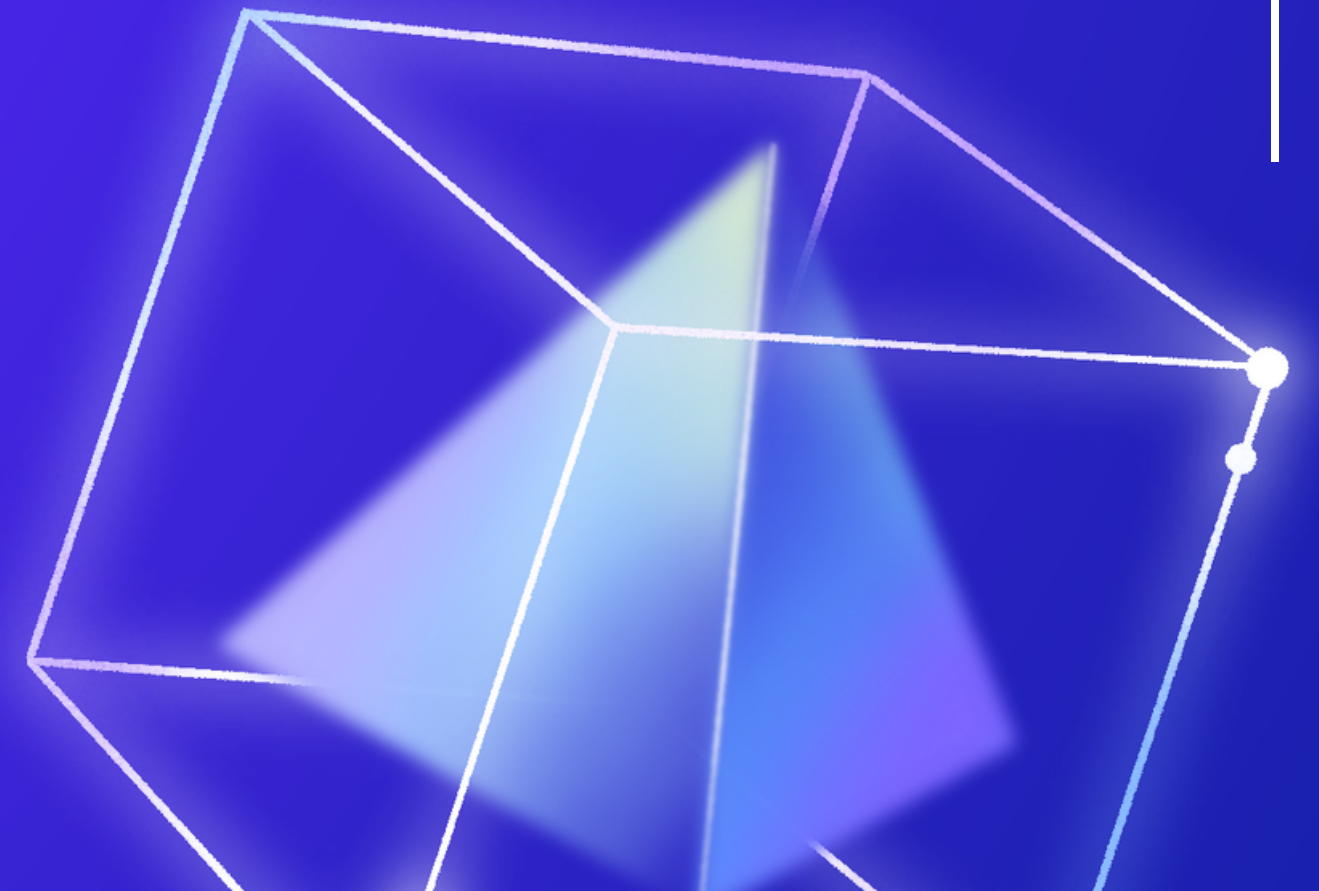


TABLE OF CONTENTS



- Problem
- Objective
- Comparision
- Prediction AI
- Video Conference with doctor
- AI Doctor Chatbot
- Education



THE PROBLEMS SKY DOC SOLVES



- Patchy Connectivity: Limited or unreliable internet access in rural areas.
- No Doctor Available: A scarcity of medical professionals accessible to rural patients.
- No Healthcare Facilities: Lack of local healthcare infrastructure or clinics.
- No Awareness + Basic Knowledge: Limited health awareness and basic medical knowledge among rural populations.
- Instant Healthcare Features

INTRODUCTION

- Online doc consultations
- Online video and phone consultations
- Early detections of diseases using Machine Learning
- AI chat bot for easy interactions, guiding and support
- Regional language support for arabic



COMPARISON

NORMAL PROCEDURE

- Takes longer wait time
- Not easily accessible
- Complicated procedure
- Hidden terms and conditions

SKYDOC WAY

- Fast consultations
 - Uses AI for predictions
- Better consultations as it learns from huge amount of resource data
- Deliver the promise
 - Easy user interactions
 - Systematic approach for better health

DISEASE PREDICTION USING ML



Utilizes Machine Learning for early detection and prediction of diseases.



Analyzes patterns and factors contributing to disease onset.



Enables proactive healthcare management



Provides personalized care plans for users

DISEASE ANALYSIS

WE CURRENTLY HAVE
TRAINED MODELS FOR
THE FOLLOWING
DISEASES AND WE
CAN EXPAND THIS TO
SUPPORT AND
PRDEICT MULTIPLE
DISEASE

The screenshot displays the SkyDoc mobile application interface. On the left is a dark sidebar menu with the SkyDoc logo at the top. Below the logo are several menu items: 'طبيب' (Doctor), 'قائمة المرضى' (Patients List), 'طبيب AI' (AI Doctor), 'التتقيف الصحي' (Health Monitoring), and 'الملف الشخصي للمريض' (Patient Profile). At the bottom of the sidebar is 'تشخيص المرضى' (Patient Diagnosis). The main content area is titled 'Profile' and features seven disease detection cards arranged in two rows. The top row includes: 'Covid Detection' (with a virus particle image), 'Brain Tumour Detection' (with a brain scan image), 'Breast Cancer Detection' (with a pink awareness ribbon and 'Fight BREAST CANCER AWARENESS MONTH' text), and 'Pneumonia Detection' (with a chest X-ray image). The bottom row includes: 'Heart Disease Detection' (with a heart image), 'Diabetes Detection' (with a hand holding a glucose meter showing '105'), and 'Alzheimer Detection' (with a brain puzzle image). At the top right of the main area are icons for settings, notifications, and 'Sign In'. At the bottom of the app, there is a footer with '© 2024, made with ❤️ by SkyDoc for a better web.', navigation links for 'SkyDoc', 'About Us', and 'Blog', and a settings gear icon.

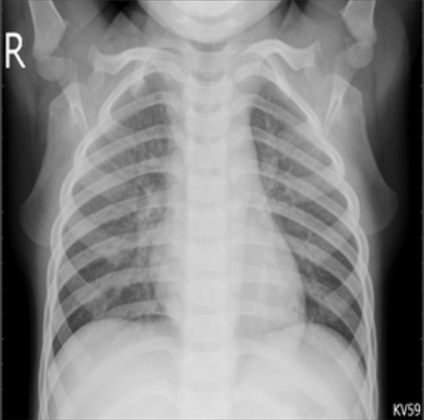
DISEASE RESULTS

The image shows a browser window with a dark theme. The address bar shows the URL `127.0.0.1:8000/disease/covid/`. The page title is "Covid-19 Detection". The form contains the following fields:

- Firstname:
- Lastname:
- Phone No.:
- * Include your area code
- Email:
- Gender:
- Age:
- Upload your Chest Scan:

A green "SUBMIT" button is at the bottom of the form. The footer of the page reads: "© 2024, made with ❤️ by SkyDoc for a better web." and "SkyDoc About Us Blog License".

Covid-19 Test Results



First Name : Rajath
Last Name : V
Age : 26
Gender: male
Result: *COVID NEGATIVE*

HEALTHCARE AI ASSISTANT

01

- A chatbot that provides 24/7 health-related information and advice.
 - Powered by advanced AI for accurate and swift responses.
-

02

Enhances decision-making and access to health information.

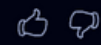
HEALTHCARE AI ASSISTANT

The image displays a web browser window with the address bar showing the URL `wolf-loyal-akita.ngrok-free.app/chat_with_ai`. The browser's toolbar includes navigation icons (back, forward, refresh), a star icon for bookmarks, and various extension icons. The main content area shows a chat interface for 'SkyDoc'. On the left, a dark sidebar contains the 'SkyDoc' logo and several menu items in Arabic: 'طبيب' (Doctor), 'قائمة المرضى' (Patient List), 'طبيب AI' (AI Doctor), 'التتقيف الصحي' (Health Monitoring), 'الملف الشخصي للمريض' (Patient Profile), and 'تشخيص المرض' (Disease Diagnosis). The main chat area features a header with the 'SkyDoc' name and a profile picture of a doctor. Below the header is a dark chat bubble containing the text 'Tell me your problem'. At the bottom of the chat area is a text input field with the placeholder 'Type a message...' and a send button (upward arrow).

HEALTHCARE AI ASSISTANT



Tell me your problem



I have the following symptoms headache, back pain and soar throat

R

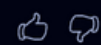
I'm sorry to hear that you're not feeling well. Your symptoms of headache, back pain, and sore throat could be indicative of various conditions.

- **Headache:** Headaches can be caused by stress, dehydration, eye strain, or even more serious conditions like migraines or infections.
- **Back Pain:** Back pain can be due to poor posture, muscle strain, or underlying medical conditions like arthritis or disc issues.
- **Sore Throat:** A sore throat can be caused by viral infections like the common cold or flu, or bacterial infections like strep throat.

For now, you can try some home remedies to alleviate your symptoms:

- **Headache:** Rest in a quiet, dark room, apply a cold or warm compress to your forehead, and stay hydrated.
- **Back Pain:** Practice good posture, gentle stretching, and apply a heating pad or ice pack to the affected area.
- **Sore Throat:** Gargle with warm salt water, stay hydrated, and soothe your throat with honey or lozenges.

If your symptoms persist, worsen, or if you develop new symptoms, it's advisable to seek medical attention from a healthcare provider for a proper evaluation and treatment plan.



Type a message...



VOICE AND VIDEO CALL APPOINTMENTS

01

Seamlessly transitions to voice calls in areas with poor network connectivity.

02

Connects rural patients with doctors via video calls.

PICK DOCTOR TO CALL

wolf-loyal-akita.ngrok-free.app/doctor_list

Doctors

List of doctors



Dr. Strange
Phone: 919206274135

MORE DETAILS



Dr Rajath
Phone: 506791672

MORE DETAILS



Dr. Faisal
Phone: 0536506682

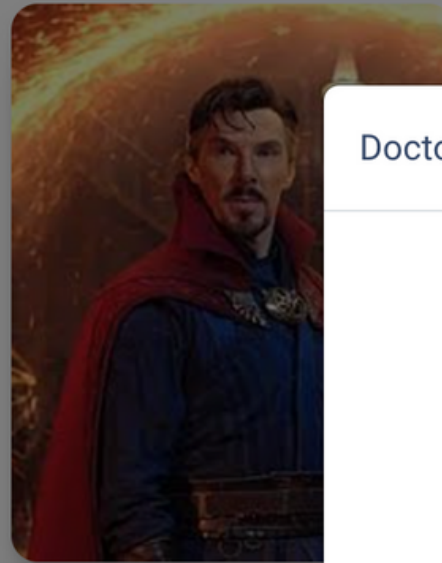
MORE DETAILS

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Doctors

List of doctors



Dr. Strange
Phone: 919206274135

MORE DETAILS

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Doctor Details

×

Dr. Strange

Timings: Feb. 17, 2024, 11:03 a.m.

Bio: PHD @Geology

PHONE CALL

VIDEO CALL


CLOSE

[SkyDoc](#) [About Us](#)

VIDEO CONFERENCE WITH DOCTOR

Chrome File Edit View History Bookmarks Profiles Tab Window Help Thu 7 Mar 2:30 PM

wolf-loyal-akita.ngrok-free.app/video_call/6/



1:00

Room messages

PM 02:29 userName6477

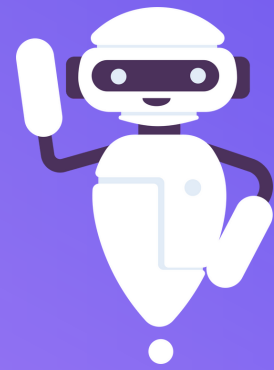
Hi tell me your problem

userName6477 (You)

Send a message to everyone

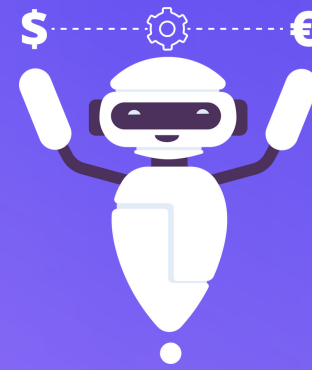
Microphone, Video, Screen Share, More, End Call, Info, Participants (1), Chat

EDUCATION CENTER



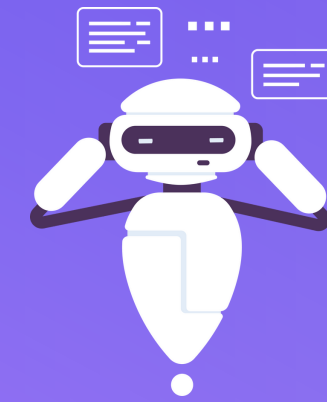
OBJECTIVE 01

Features educational videos on a variety of healthcare topics.



OBJECTIVE 02

Offers practical demonstrations and expert-led content.



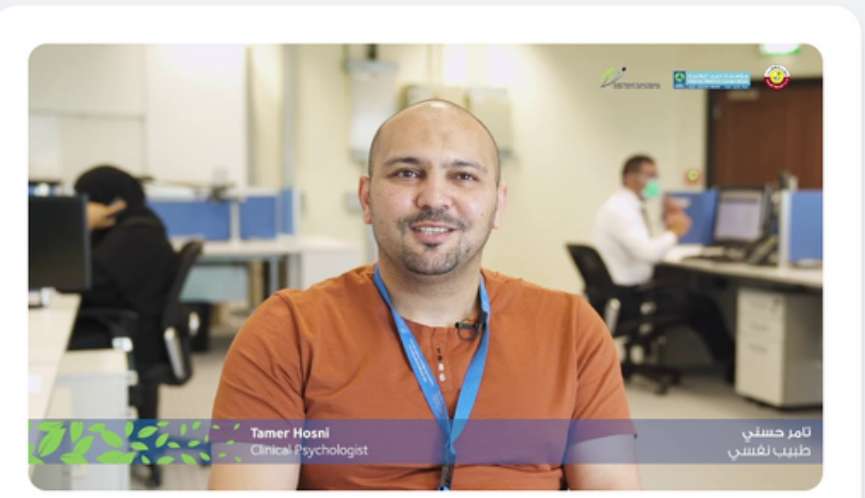
OBJECTIVE 03

Aims to increase health awareness and proactive management among users.

SkyDoc

- طبيب
- قائمة المرضى
- طبيب AI
- التتقيف الصحي
- الملف الشخصي للمريض
- تشخيص المرض

Profile



Mental Health

LEARNING ARABIC WITH ANGELA
رَبِّجْ رَابِعًا
WWW.LEARNINGARABICWITHANGELA.COM

الحالات الطَّبَّيَّة
Al-Haalaatu AT-Tibbiyyah
Medical Conditions

@www.learningarabicwithangela.com

Good Health Tips

ما هو كوفيد 19 (فيروس كورونا)

Covid Information



SkyDoc

- طبيب
- قائمة المرضى
- طبيب AI
- التتقيف الصحي
- الملف الشخصي للمريض
- تشخيص المرض

Profile

watch?

The Mental Health Service's new helpline - Arabic

COVID-19 · Get the latest information from the WHO about coronavirus.

Watch Later Share

ما هو كوفيد 19 (فيروس كورونا)

COVID Information

SkyDoc About Us Blog License



WHATSAPP AND SMS DIAGNOSTICS



Offers health updates and diagnostic information via SMS and WhatsApp.



Ensures continuous communication between healthcare providers and patients.



Includes details about health status and future appointments.



Supports communication in local languages.

***Future implementations
Due to time constrains**

THANK YOU!

