Medico

What is **Medico AI?**

Medico AI: Your Pocket Doctor of the Future

Empowering Healthcare through Advanced AI

- Disease prediction for proactive health management
- Tailored diet recommendations for optimal wellness
- Personalized workout suggestions for fitness goals
- Precise medication guidance for effective treatment
- Deep insights into disease causation for informed decision-making
- Cutting-edge features on the horizon:
  - X-ray and ECG report analysis
  - Cancer detection via uploaded images
  - Brain Tumor Identification

"Your Trusted Companion in Health, Today and Tomorrow"

Introduction to Medico

User-Friendly Interface

Medico offers a user-friendly interface that allows users to easily input their symptoms and receive personalized medical recommendations.

Tailored Recommendations

Our system leverages advanced machine learning models to accurately predict potential diseases based on user-input symptoms, providing tailored recommendations for each individual.

Flask App Integration

Medico seamlessly integrates with Flask, a popular web framework, allowing for easy deployment and scalability.

Privacy and Security Measures

We prioritize the privacy and security of our users' data, implementing robust measures to protect sensitive information.

Continuous Improvement

We are committed to continuously improving our system, incorporating user feedback and implementing the latest advancements in machine learning and medical research.

Advanced Machine Learning Models

Medico utilizes advanced machine learning models to provide accurate and reliable medical recommendations, ensuring the best possible outcomes for our users.

Medico Services

Symptom Input

- Users can input their symptoms to receive a preliminary analysis and potential diagnoses.

Disease Prediction

- Our advanced algorithms analyze user data to predict the likelihood of developing certain diseases.

Personalized Medicine Recommendations

- Based on user profiles and medical history, Medico provides personalized recommendations for medicines and treatments.

Prescription Details

- Users can access detailed information about their prescribed medications, including dosage instructions and potential side effects.

Workout Routines

- Medico offers personalized workout routines tailored to each user's fitness level and health goals.

Medico Benefits

Accurate Disease Prediction

Medico utilizes advanced machine learning algorithms to accurately predict diseases based on user data and medical history.

Personalized Recommendations

Medico provides personalized recommendations for treatment plans, lifestyle changes, and preventive measures based on individual health profiles.

Convenient Access

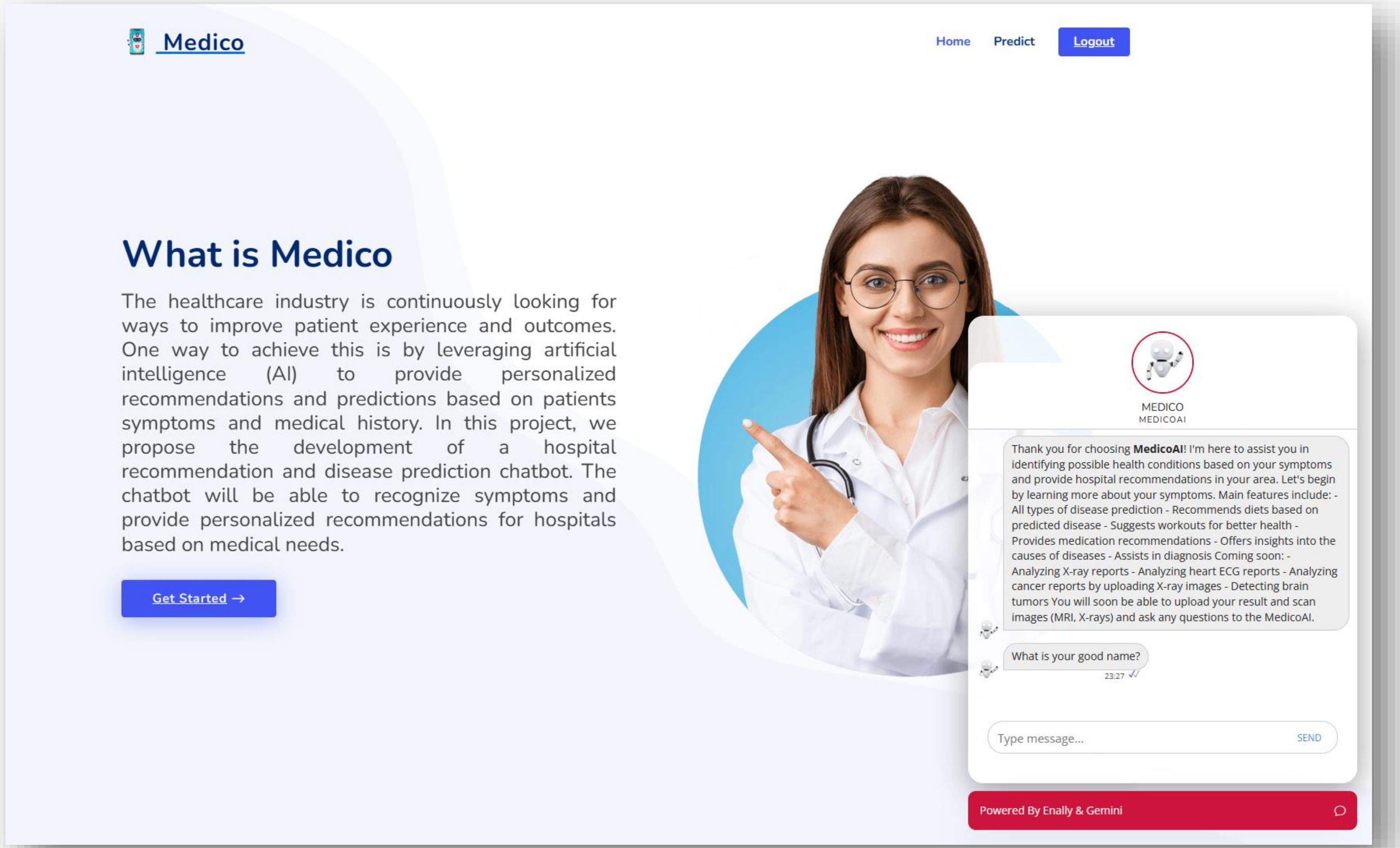
Users can access healthcare recommendations and information from anywhere, anytime, through the Medico platform, ensuring convenience and ease of use.

Privacy and Data Security

Medico prioritizes user privacy and data security, implementing robust measures to protect sensitive health information and ensure confidentiality.

Continuous Improvement

Medico's machine learning models are constantly evolving and improving, incorporating new research and data to provide the most accurate and up-to-date recommendations.



What is Medico

The healthcare industry is continuously looking for ways to improve patient experience and outcomes. One way to achieve this is by leveraging artificial intelligence (AI) to provide personalized recommendations and predictions based on patients symptoms and medical history. In this project, we propose the development of a hospital recommendation and disease prediction chatbot. The chatbot will be able to recognize symptoms and provide personalized recommendations for hospitals based on medical needs.

Thank you for choosing **MedicoAI**! I'm here to assist you in identifying possible health conditions based on your symptoms and provide hospital recommendations in your area. Let's begin by learning more about your symptoms. Main features include: - All types of disease prediction - Recommends diets based on predicted disease - Suggests workouts for better health - Provides medication recommendations - Offers insights into the causes of diseases - Assists in diagnosis Coming soon: - Analyzing X-ray reports - Analyzing heart ECG reports - Analyzing cancer reports by uploading X-ray images - Detecting brain tumors You will soon be able to upload your result and scan images (MRI, X-rays) and ask any questions to the MedicoAI.

What is your good name?

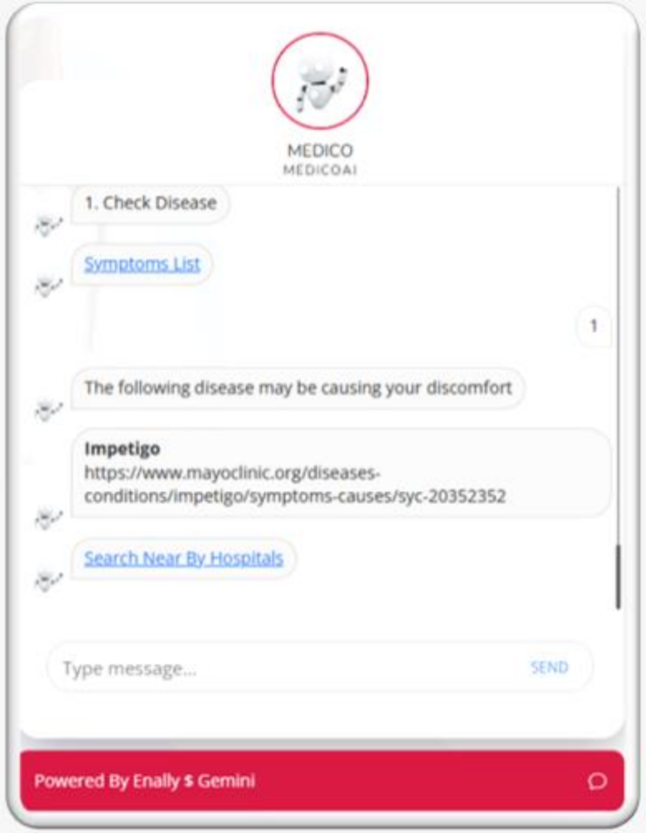
23:27

Medico AI Chatbot

How Does this work?

- Trained ChatBotpowered by Enally & Gemini AI.
- Utilizes a finely tuned promptengineering technique.
- If the model can't answer a question,it's passed to Gemini AI for response.
- Seamless integration of Enally Labs andGemini AI ensures comprehensive query handling.
- Provides nearby hospital information.
- Upcoming feature: Voice command supportfor enhanced accessibility.

Live Prediction And Nearby Hospital Recommendation


MEDICO
MEDICOAI

1. Check Disease

Symptoms List

1

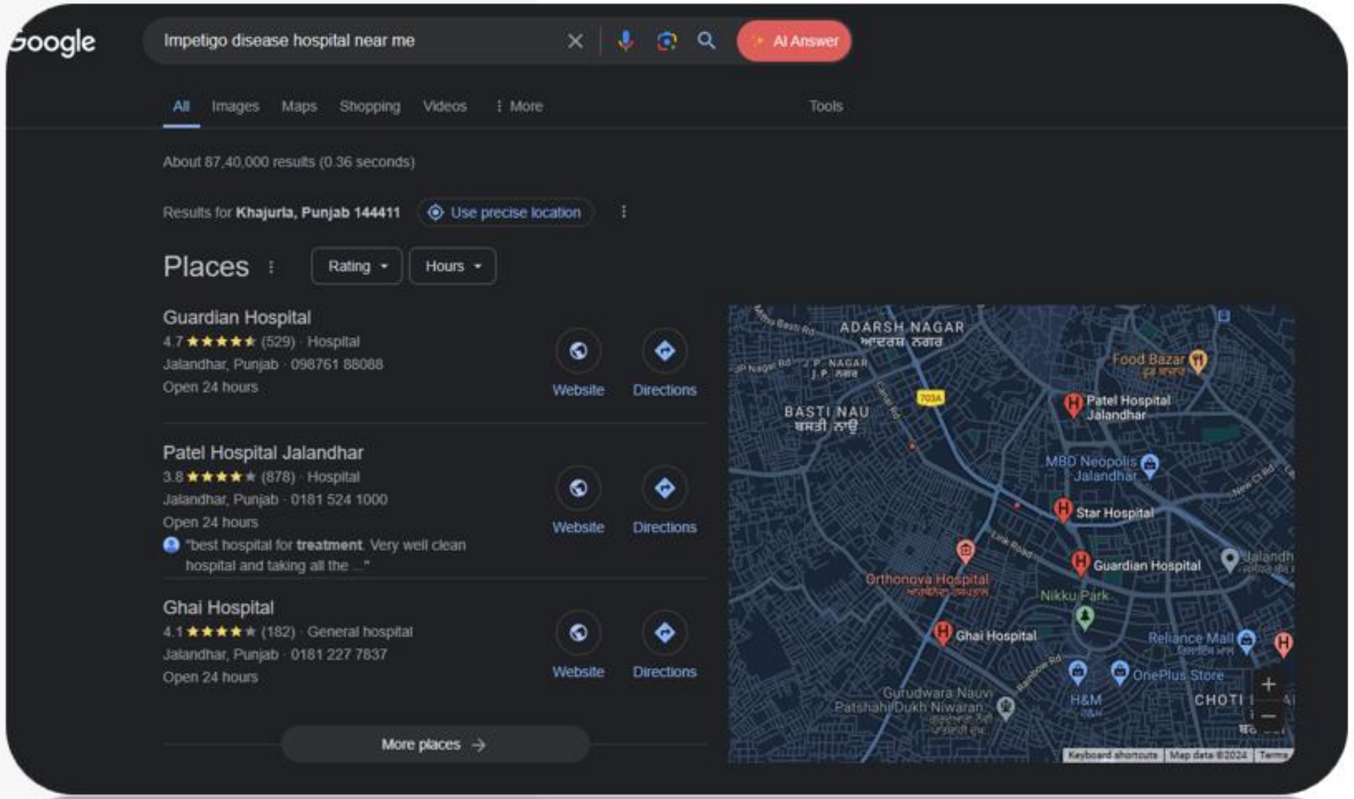
The following disease may be causing your discomfort

Impetigo
https://www.mayoclinic.org/diseases-conditions/impetigo/symptoms-causes/syc-20352352

Search Near By Hospitals

Type message... SEND

Powered By Enally $ Gemini


Google — Impetigo disease hospital near me — AI Answer

All Images Maps Shopping Videos More Tools

About 87,40,000 results (0.36 seconds)

Results for **Khajurla, Punjab 144411** Use precise location

Places — Rating — Hours

Guardian Hospital
4.7 ★★★★★ (529) · Hospital
Jalandhar, Punjab · 098761 88088
Open 24 hours
Website Directions

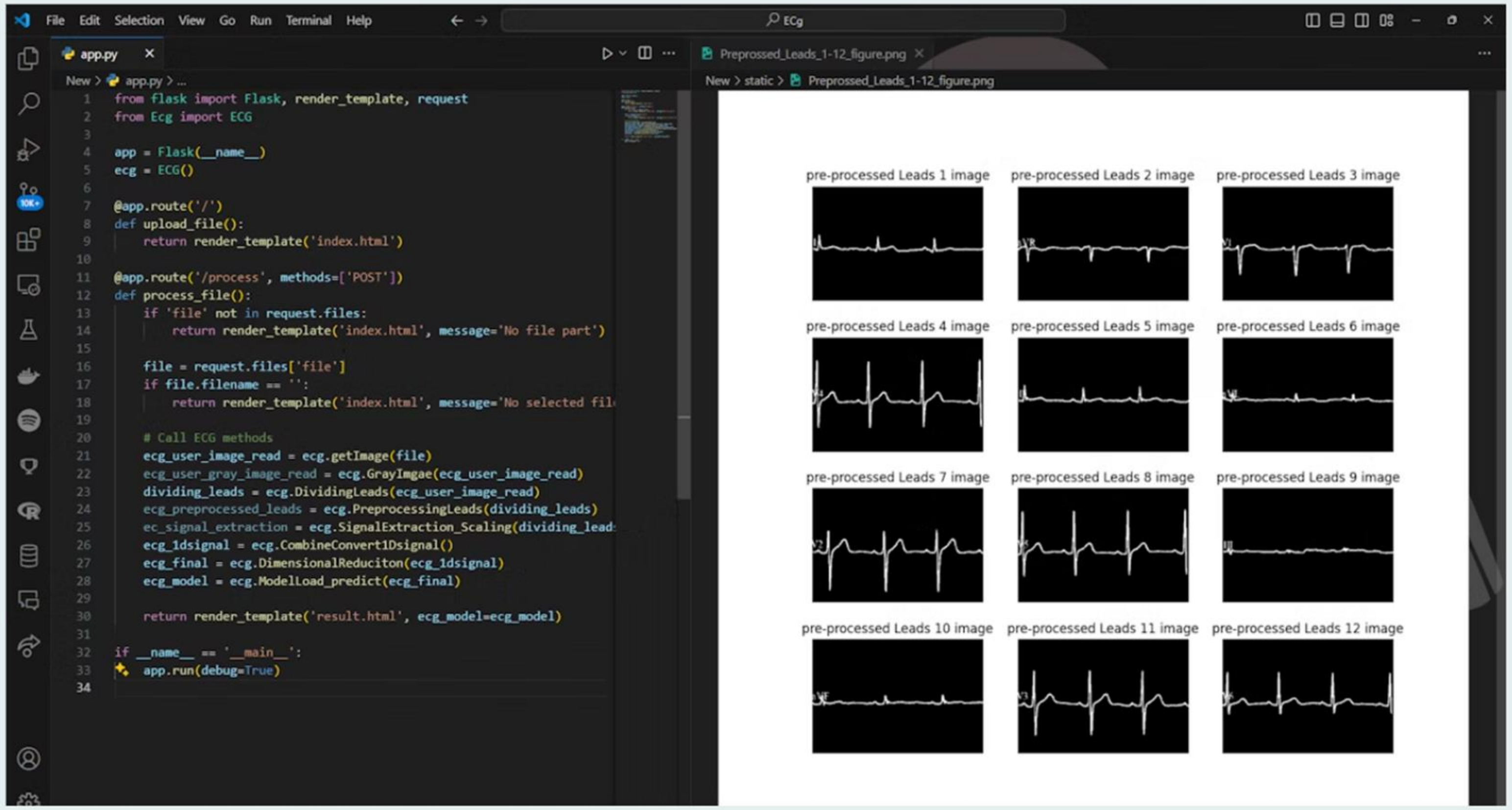
Patel Hospital Jalandhar
3.8 ★★★★★ (878) · Hospital
Jalandhar, Punjab · 0181 524 1000
Open 24 hours
"best hospital for **treatment**. Very well clean hospital and taking all the ..."
Website Directions

Ghai Hospital
4.1 ★★★★★ (182) · General hospital
Jalandhar, Punjab · 0181 227 7837
Open 24 hours
Website Directions

More places →

Upcoming Features

Cardiovascular Detection Using ECG Images

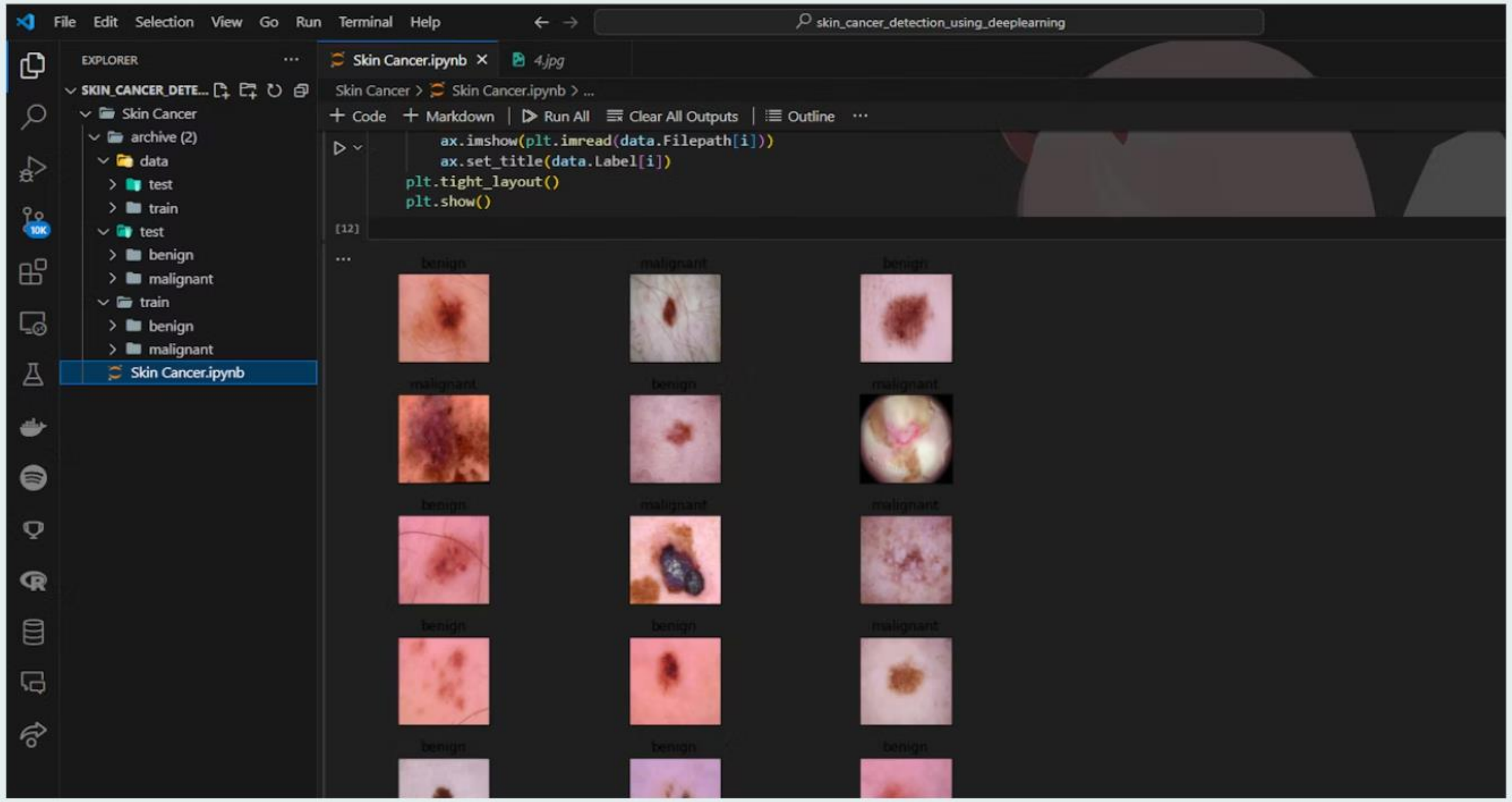


```python
from flask import Flask, render_template, request
from Ecg import ECG

app = Flask(__name__)
ecg = ECG()

@app.route('/')
def upload_file():
    return render_template('index.html')

@app.route('/process', methods=['POST'])
def process_file():
    if 'file' not in request.files:
        return render_template('index.html', message='No file part')

    file = request.files['file']
    if file.filename == '':
        return render_template('index.html', message='No selected fil

    # Call ECG methods
    ecg_user_image_read = ecg.getImage(file)
    ecg_user_gray_image_read = ecg.GrayImgae(ecg_user_image_read)
    dividing_leads = ecg.DividingLeads(ecg_user_image_read)
    ecg_preprocessed_leads = ecg.PreprocessingLeads(dividing_leads)
    ec_signal_extraction = ecg.SignalExtraction_Scaling(dividing_lead
    ecg_1dsignal = ecg.CombineConvert1Dsignal()
    ecg_final = ecg.DimensionalReduciton(ecg_1dsignal)
    ecg_model = ecg.ModelLoad_predict(ecg_final)

    return render_template('result.html', ecg_model=ecg_model)

if __name__ == '__main__':
    app.run(debug=True)
```

File Edit Selection View Go Run Terminal Help
ECg
app.py
New > app.py > ...
Preprossed_Leads_1-12_figure.png
New > static > Preprossed_Leads_1-12_figure.png
pre-processed Leads 1 image
pre-processed Leads 2 image
pre-processed Leads 3 image
pre-processed Leads 4 image
pre-processed Leads 5 image
pre-processed Leads 6 image
pre-processed Leads 7 image
pre-processed Leads 8 image
pre-processed Leads 9 image
pre-processed Leads 10 image
pre-processed Leads 11 image
pre-processed Leads 12 image

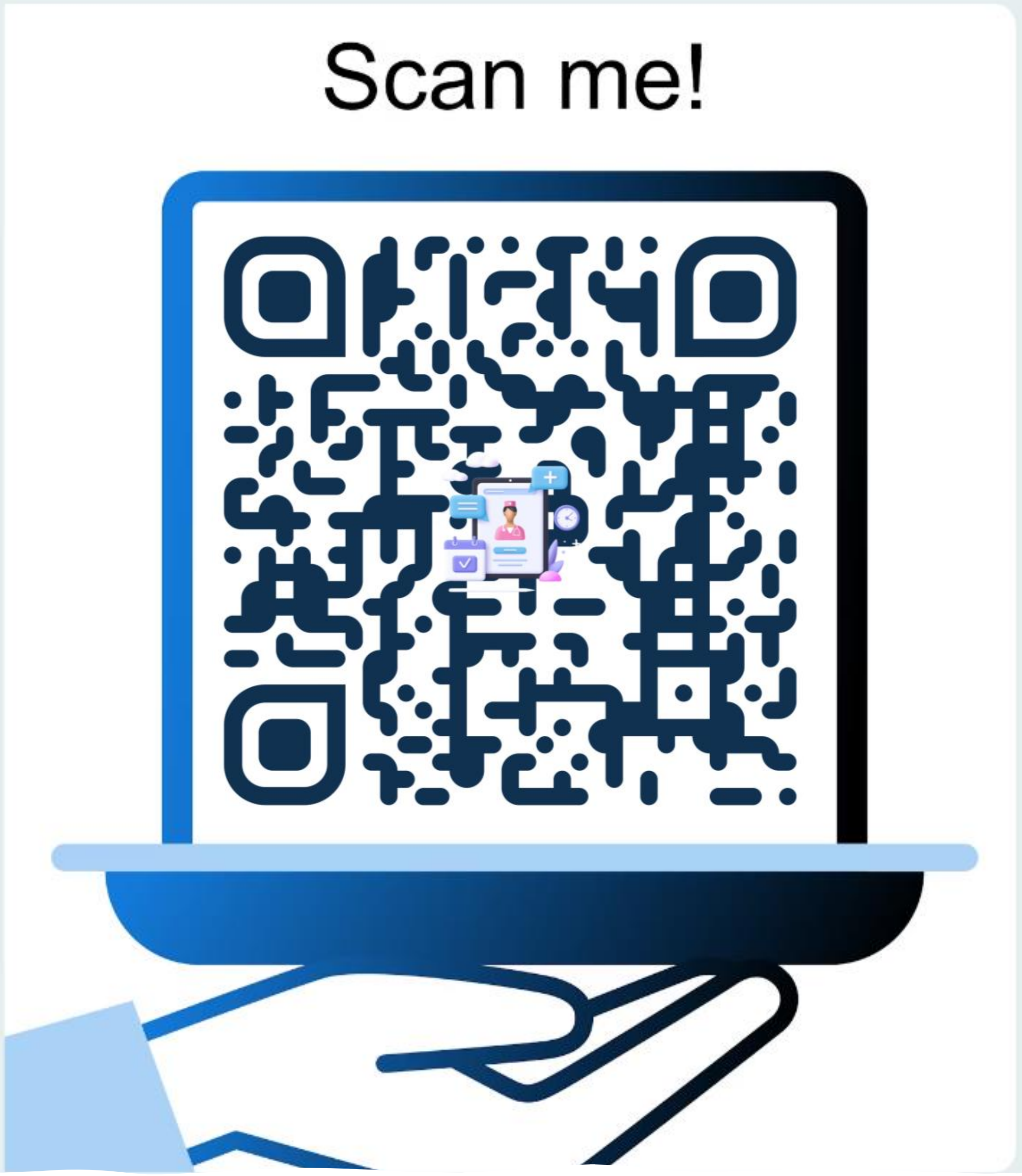
Upcoming Features

Skin Cancer Detection



```
    ax.imshow(plt.imread(data.Filepath[i]))
    ax.set_title(data.Label[i])
plt.tight_layout()
plt.show()
```

Try now!



Thank You