# -\*- coding: utf-8 -\*-

"""Health AI app.ipynb

Automatically generated by Colab.

Original file is located at

https://colab.research.google.com/drive/1kFq44yvkJvByB2lwXUT4T3hdywWhSEXB

"""

!pip install gradio transformers

!python HealthAI\_Categorized.py

# HealthAI\_Categorized.py

import gradio as gr

from transformers import pipeline

# Dummy function for symptom-to-disease

def identify\_disease(symptoms):

return "Based on your symptoms, you may be experiencing a viral infection. Please consult a doctor."

# Dummy function for disease-to-remedies

def get\_remedy(disease):

return "For " + disease + ", try home remedies like turmeric milk and steam inhalation."

# Chatbot pipeline

chatbot = pipeline("text-generation", model="microsoft/DialoGPT-medium")

def chat\_with\_ai(message):

result = chatbot(message, max\_length=100, do\_sample=True)[0]['generated\_text']

return result

# Gradio Interface

with gr.Blocks() as health\_ai:

gr.Markdown("# 🩺 \*\*Health AI – Intelligent Healthcare Assistant\*\*")

with gr.Tabs():

with gr.TabItem(" Symptoms Identifier"):

symptom\_input = gr.Textbox(label="Enter Symptoms", placeholder="e.g., fever, cough, body pain")

symptom\_output = gr.Textbox(label="Possible Disease")

gr.Button("Identify").click(identify\_disease, inputs=symptom\_input, outputs=symptom\_output)

with gr.TabItem(" Home Remedies"):

disease\_input = gr.Textbox(label="Enter Disease", placeholder="e.g., cold, headache")

remedy\_output = gr.Textbox(label="Suggested Home Remedy")

gr.Button("Get Remedy").click(get\_remedy, inputs=disease\_input, outputs=remedy\_output)

with gr.TabItem("Chat Assistant"):

user\_input = gr.Textbox(label="Ask any health-related question")

ai\_output = gr.Textbox(label="Health AI Response")

gr.Button("Ask AI").click(chat\_with\_ai, inputs=user\_input, outputs=ai\_output)

gr.Markdown("Build by Nagularapu kanna as Internship Project on Health AI")

health\_ai.la unch()