import streamlit as st

from shared\_model import chatbot

def main():

st.title("🦠 Disease Prediction")

st.write("🤖 Enter your symptoms and I'll try to predict the disease.")

if chatbot is None or not callable(chatbot):

st.error("❌ AI model not available or not callable.")

st.stop()

user\_input = st.text\_input("📝 Your Symptoms:", placeholder="e.g. fever, cough")

if st.button("Predict"):

if not user\_input.strip():

st.warning("⚠ Please enter symptoms.")

return

prompt = f"User: My symptoms are {user\_input}. What disease could this be?\nAI:"

with st.spinner("🔍 Predicting..."):

try:

result = chatbot(prompt, max\_new\_tokens=120)

response = result[0]['generated\_text'].strip() if result else "⚠ Couldn't generate a response."

except Exception as e:

response = f"❌ Error: {str(e)}"

st.success(f"🧾 Prediction: {response}")

st.info("📌 Note: This is an AI-based suggestion. Please consult a doctor for a confirmed diagnosis.")