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st.title("PlayTennis Prediction with ID3 Decision Tree")

# User input
st.sidebar.header("Input Weather Conditions")
def user_input():
    outlook = st.sidebar.selectbox("Outlook", df['Outlook'].unique())
    temp = st.sidebar.selectbox("Temperature", df['Temperature'].unique())
    humidity = st.sidebar.selectbox("Humidity", df['Humidity'].unique())
    wind = st.sidebar.selectbox("Wind", df['Wind'].unique())
    return pd.DataFrame([[outlook, temp, humidity, wind]],
                        columns=['Outlook', 'Temperature', 'Humidity', 'Wind'])

input_df = user_input()

# Encode input
input_encoded = input_df.copy()
for col in input_encoded.columns:
    input_encoded[col] = label_encoders[col].transform(input_encoded[col])

# Prediction
prediction = model.predict(input_encoded)[0]
prediction_label = label_encoders['PlayTennis'].inverse_transform([prediction])[0]

st.subheader("Prediction:")
st.success(f"The model predicts: {prediction_label}")

st.subheader("Input Values:")
st.write(input_df)

st.subheader("Training Data:")
st.dataframe(df)

```