import streamlit as st

import pandas as pd

if "sales\_data" not in st.session\_state:

st.session\_state.sales\_data = []

if "people" not in st.session\_state:

st.session\_state.people = {

"Sara": {"supervisor": "Moaz", "manager": "Marwan", "gm": "Gaber"},

"Yousef": {"supervisor": "Helal", "manager": "Marwan", "gm": "Gaber"},

"Monem": {"supervisor": "Moaz", "manager": "Marwan", "gm": "Gaber"},

"Mazn Gaber": {"supervisor": "Helal", "manager": "Marwan", "gm": "Gaber"},

"Mazn": {"supervisor": "Helal", "manager": "Marwan", "gm": "Gaber"},

"Helal": {"supervisor": None, "manager": "Marwan", "gm": "Gaber"},

"Moaz": {"supervisor": None, "manager": "Marwan", "gm": "Gaber"},

"Marwan": {"supervisor": None, "manager": None, "gm": "Gaber"},

"Gaber": {"supervisor": None, "manager": None, "gm": None},

}

ROLE\_COMMISSIONS = {

"Supervisor": 0.05,

"Sales Manager": 0.10,

"General Manager": 0.05

}

st.title("🧮 Sales Commission Calculator")

with st.form("sale\_form"):

seller = st.selectbox("Seller", list(st.session\_state.people.keys()))

sale\_amount = st.number\_input("Sale Amount (for info only)", value=0.0)

net\_commission = st.number\_input("Net Commission", value=0.0)

seller\_percent = st.slider("Seller %", 0, 100, 30)

submitted = st.form\_submit\_button("Add Sale")

if submitted:

st.session\_state.sales\_data.append({

"seller": seller,

"net\_commission": net\_commission,

"seller\_percent": seller\_percent / 100.0

})

st.success(f"Sale added for {seller}")

totals = {name: 0.0 for name in st.session\_state.people}

for sale in st.session\_state.sales\_data:

amount = sale["net\_commission"]

seller = sale["seller"]

pct = sale["seller\_percent"]

totals[seller] += round(amount \* pct, 2)

sup = st.session\_state.people[seller]["supervisor"]

if sup:

totals[sup] += round(amount \* ROLE\_COMMISSIONS["Supervisor"], 2)

mgr = st.session\_state.people[seller]["manager"]

if mgr:

totals[mgr] += round(amount \* ROLE\_COMMISSIONS["Sales Manager"], 2)

gm = st.session\_state.people[seller]["gm"]

if gm:

totals[gm] += round(amount \* ROLE\_COMMISSIONS["General Manager"], 2)

report = [{"Name": n, "Total Commission": round(v, 2)} for n, v in totals.items() if v > 0]

st.subheader("📊 Commission Report")

st.table(pd.DataFrame(report))

st.download\_button(

"Download CSV",

data=pd.DataFrame(report).to\_csv(index=False),

file\_name="commission\_report.csv",

mime="text/csv"

)