import streamlit as st

import requests

st.set\_page\_config(page\_title="Fantasy PGA Draft", layout="centered")

st.title("🏌️ Fantasy PGA Draft Pool")

# Fetch leaderboard

url = "https://statdata.pgatour.com/r/current/leaderboard-v2.json"

data = requests.get(url).json()

players = data["leaderboard"]["players"]

tournament = data["leaderboard"]["tournament\_name"]

start\_date = data["leaderboard"].get("start\_date", "Unknown")

# Build player pool

player\_pool = []

name\_map = {}

for i, p in enumerate(players[:30]):

name = f"{p['player\_bio']['first\_name']} {p['player\_bio']['last\_name']}".strip()

raw = str(p['total']).strip().upper()

if raw == 'E':

score = 0

elif raw.startswith(('+', '-')):

try:

score = int(raw)

except:

score = 100

else:

try:

score = int(raw)

except:

score = 100

thru = p.get("thru", "--")

status = '✅ Finished' if p['status'] == 'complete' else f"🔄 Thru {thru}"

player = {"index": i + 1, "name": name, "score": score, "raw": raw, "status": status}

player\_pool.append(player)

name\_map[name.lower()] = player

# Show leaderboard

st.markdown(f"### {tournament} ({start\_date}) — Draft Pool")

st.table([{\*\*p, "ID": p["index"]} for p in player\_pool])

# Team selection

teams = {}

for i in range(1, 5):

name = st.text\_input(f"Team {i} Name", key=f"name\_{i}")

selection = st.multiselect(f"Select 5 Players for {name}",

options=[p["name"] for p in player\_pool],

key=f"team\_{i}")

if len(selection) == 5:

teams[name] = [name\_map[n.lower()] for n in selection]

# Submit button

if st.button("Submit Teams and Calculate Scores"):

if len(teams) < 4:

st.warning("All 4 teams must submit exactly 5 players.")

else:

results = []

for team, picks in teams.items():

total = sum(p["score"] for p in picks)

results.append({

"team": team,

"total": total,

"players": [f"{p['name']} ({p['raw']})" for p in picks]

})

results.sort(key=lambda x: x["total"])

winner = results[0]

st.markdown("## 🏆 Results")

for r in results:

st.markdown(f"### {r['team']} — Total: {r['total']}")

st.markdown("\n".join([f"- {p}" for p in r['players']]))

st.markdown("---")

st.success(f"🏅 \*\*Winner: {winner['team']}\*\* with score \*\*{winner['total']}\*\* 🏆")