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import streamlit as st
from datetime import datetime
import json, os

st.set_page_config(page_title="07Builder Agent Hub", layout="wide")

# === Sidebar ===
with st.sidebar:
    st.image("https://upload.wikimedia.org/wikipedia/commons/5/5f/OpenAI_Logo.svg",
width=100)
    st.title("07Builder")
    st.button("✚ New Agent")
    st.markdown("---")
    st.markdown("### Navigation")
    nav = st.radio("Go to", ["Home", "My Agents", "Templates", "Deployments", "Tools",
"Settings"])
    st.markdown("---")
    st.markdown("### Workspaces")
    workspaces = ["🧠 AI Lab", "📦 Automation", "🎬 Storytelling", "🔧 Utility Bots"]
    for ws in workspaces:
        st.text(ws)
    st.text("+ Create New Space")
    st.markdown("---")
    if st.button("🔑 Test API Access"):
        sample_key = get_api_key("openai")
        if sample_key:
            st.success("API Key Found: " + sample_key[:8] + "...")
        else:
            st.error("No API key found for 'openai'")

# === Header ===
st.title("Let's build and manage your AI agents!")
st.markdown("#### What would you like to do?")

# === Main Action Buttons ===
cols = st.columns(7)
actions = [
    ("Create Agent", "Agent creation initialized.", "success"),
    ("Add Tools", "Tool selection panel coming soon.", "info"),
    ("Deploy to Colab", "Generating Colab environment...", "success"),
    ("Streamlit Export", "Streamlit package ready to download.", "success"),
    ("CI/CD (GitHub)", "GitHub Action configured.", "success"),
    ("Add Agent to Dashboard", "Agent added to dashboard.", "success"),
    ("✚ Add Agent in One Click", "Auto-deploy and setup agent pipeline initiated.", "success")
]

for i, (label, message, status) in enumerate(actions):
    with cols[i]:

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        if st.button(label):
            getattr(st, status)(message)

st.markdown("---")

# === Recent Projects ===
st.subheader("Recent Agents")
recent_agents = [
    {
        "icon": "https://cdn-icons-png.flaticon.com/512/1055/1055687.png",
        "name": "AutoRename Bot",
        "status": "Deployed | Updated 2h ago"
    },
    {
        "icon": "https://cdn-icons-png.flaticon.com/512/3105/3105791.png",
        "name": "Image Classifier Agent",
        "status": "Needs Deployment | 6h ago"
    },
    {
        "icon": "https://cdn-icons-png.flaticon.com/512/1048/1048953.png",
        "name": "VideoMagix Builder",
        "status": "In Progress | 1d ago"
    }
]

recent_cols = st.columns(3)
for col, agent in zip(recent_cols, recent_agents):
    with col:
        st.image(agent["icon"], width=40)
        st.markdown(f"***{agent['name']}***")
        st.text(agent["status"])

st.markdown("---")

# === Advanced Options ===
with st.expander("⚙️ Advanced Settings"):
    st.checkbox("Enable screen watcher")
    st.checkbox("Allow AutoHotkey integration")
    st.checkbox("Allow access to local files")
    st.text_input("Default deployment path", value="Google Drive")
    st.text_input("API Key Storage Path", value="C:/07b/api_keys.json")
    st.checkbox("Allow agent to access API keys (with permission)")
    st.checkbox("Enable 07b to control sub-agents")
    st.checkbox("Allow code execution locally (with permission)")
    st.checkbox("Watch screen and advise (real-time)")
    st.checkbox("Use master control interface")
    st.checkbox("Allow multi-agent orchestration")
    st.checkbox("Auto-integrate new agents on creation")

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# === Footer ===  
st.markdown("---")  
st.markdown("**Built with love by your 07Builder Master Agent.**")
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# === API Key Utilities ===  
def load_api_keys(path="C:/07b/api_keys.json"):  
    if os.path.exists(path):  
        with open(path, 'r') as f:  
            return json.load(f)  
    return {}
```

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def get_api_key(service_name):  
    keys = load_api_keys()  
    return keys.get(service_name)
```