

login.py

```
1 import streamlit as st
2 import hashlib
3
4 # User database simulation (use MongoDB later if needed)
5 USER_CREDENTIALS = {
6     "admin": hashlib.sha256("password123".encode()).hexdigest()
7 }
8
9 def login_interface():
10     st.sidebar.subheader("🔒 Admin Login")
11     username = st.sidebar.text_input("Username")
12     password = st.sidebar.text_input("Password", type="password")
13
14     if st.sidebar.button("Login"):
15         hashed = hashlib.sha256(password.encode()).hexdigest()
16         if USER_CREDENTIALS.get(username) == hashed:
17             st.session_state["is_admin"] = True
18             st.success("Welcome, Admin 🙌")
19         else:
20             st.error("Invalid credentials")
21
22 # Initialize session state (can also be done in app.py once)
23 if "is_admin" not in st.session_state:
24     st.session_state["is_admin"] = False
25
```