**Source code main:**

**# Streamlit main app controller (placeholder)**

**# 📁 File: app.py**

**import streamlit as st**

**from streamlit\_option\_menu import option\_menu**

**# Import UI components**

**from components.smart\_dashboard import smart\_dashboard\_ui**

**from components.feedback\_form import feedback\_form\_ui**

**from components.chat\_assistant import chat\_assistant\_ui**

**from components.eco\_tips import eco\_tips\_ui**

**from components.kpi\_forecasting import kpi\_forecasting\_ui**

**from components.anomaly\_checker import anomaly\_checker\_ui**

**from components.policy\_summarizer import policy\_summarizer\_ui**

**from components.report\_generator import report\_generator\_ui**

**# App configuration**

**st.set\_page\_config(page\_title="Sustainable Smart City Assistant", layout="wide")**

**# Sidebar Navigation**

**with st.sidebar:**

**selected = option\_menu(**

**"🌍 Smart City Assistant",**

**["Dashboard", "Feedback", "Chat", "Eco Tips", "Forecasting", "Anomaly Detection", "Policy Summarizer", "Report Generator"],**

**icons=["bar-chart", "envelope", "chat-dots", "leaf", "graph-up", "search", "file-earmark-text", "journal-text"],**

**menu\_icon="building", default\_index=0**

**)**

**# Page routing**

**if selected == "Dashboard":**

**smart\_dashboard\_ui()**

**elif selected == "Feedback":**

**feedback\_form\_ui()**

**elif selected == "Chat":**

**chat\_assistant\_ui()**

**elif selected == "Eco Tips":**

**eco\_tips\_ui()**

**elif selected == "Forecasting":**

**kpi\_forecasting\_ui()**

**elif selected == "Anomaly Detection":**

**anomaly\_checker\_ui()**

**elif selected == "Policy Summarizer":**

**policy\_summarizer\_ui()**

**elif selected == "Report Generator":**

**report\_generator\_ui()**

**Other codes accessable from below git link.**

**GITHUB:** [**Pranai222/Smartintern\_Project\_sdlc**](https://github.com/Pranai222/Smartintern_Project_sdlc/tree/main)