Project Design Phase
Solution Architecture

Date	26-June-2025
Team ID	LTVIP2025TMID59533
Project Name	Edututor AI: personalized learning with generative AI and lms integration
Maximum Marks	

Solution Architecture:

- Frontend: Streamlit (UI, Tabs, Widgets, Graphs)

- Backend: Python logic

- AI Logic: Rule-based adaptive quiz generator

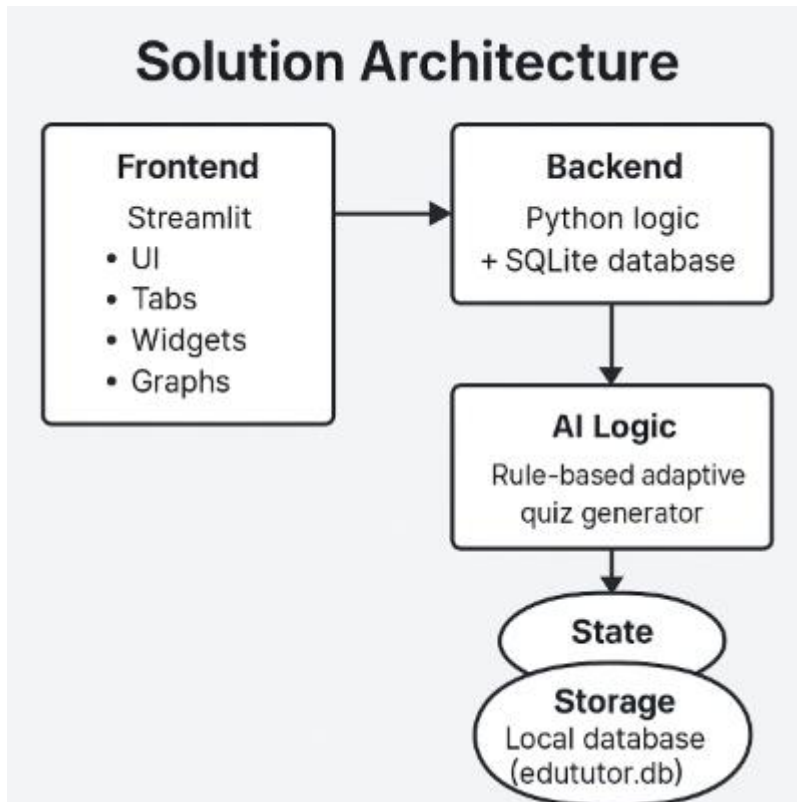- State: Managed via st.session_state.

Example - Solution Architecture Diagram:

Figure 1: Architecture and data flow of the application