

Risk	Mitigation	AI Tool's Role
User Privacy/data misuse	Only store minimal data; encrypt API communication.	Poe processes data transiently, Firebase does not store sensitive info permanently.
Misinformation	AI can provide info but must include a clear disclaimer that it is not a substitute for professional medical diagnosis.	Poe AI is prompted to frame responses as educational and always recommends consulting a dentist for serious concerns.
Misinformation on Health Topics	Train SmileBot with verified oral health resources.	Poe ensures context-aware resources.
Ephemeral Messaging Risk	Time-sensitive data is designed to be ephemeral; messages are processed in real-time and not permanently stored.	Firebase Functions provide event-based server context; Secret Manager ensures API keys are never exposed in code.
Bias in Language Support	Prioritize multilingual rollout (English, isiZulu, isiXhosa, Setswana, Afrikaans). Poe should not support only limited languages.	Poe provides responses tailored to language.
Accessibility and Support	Multilingual prompting must be a key requirement to ensure equitable support.	Poe AI can include a clear disclaimer in the user's language to support informed decision-making.
Accessibility Gaps (Internet Access)	Encourage WhatsApp zero-rated data partnerships where appropriate.	Poe AI requires internet, but local API layers make access more practical.