

AI DISEASE AWARENEES CHATBOT

Problem Statement ID – 25049

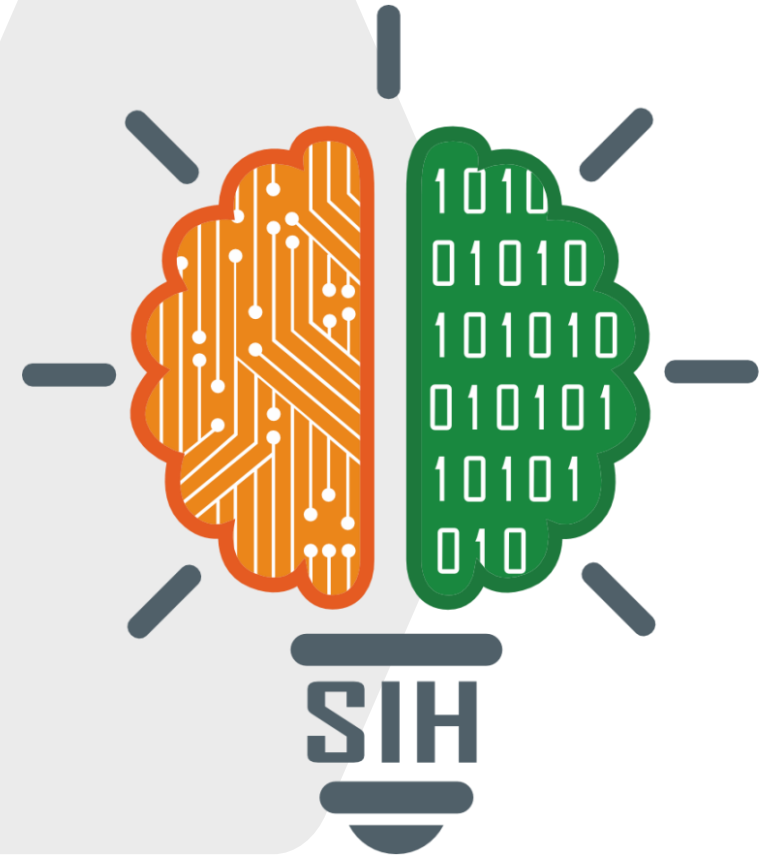
Problem Statement Title- AI-Driven Public Health Chatbot for
Disease Awareness

Theme- MedTech / Biotech / HealthTech

PS Category- Software

Team ID- 153

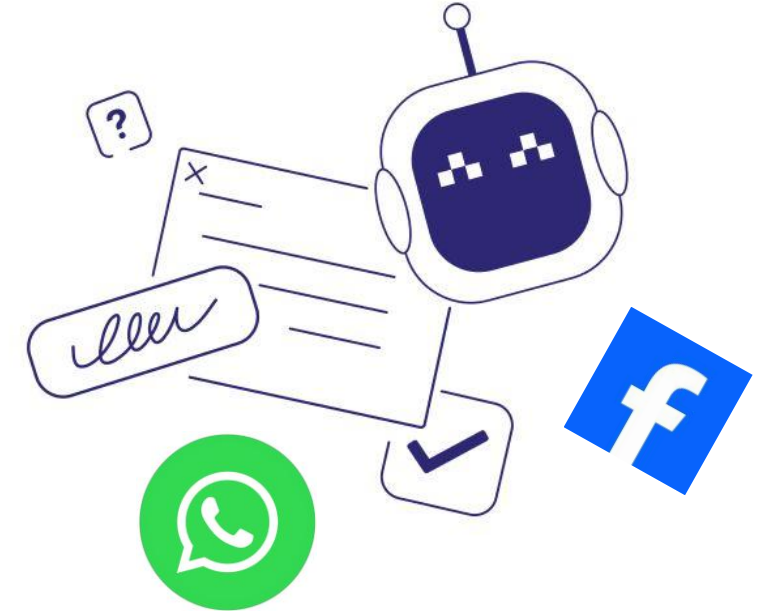
- **Team Name (Registered on portal) - Kairo**



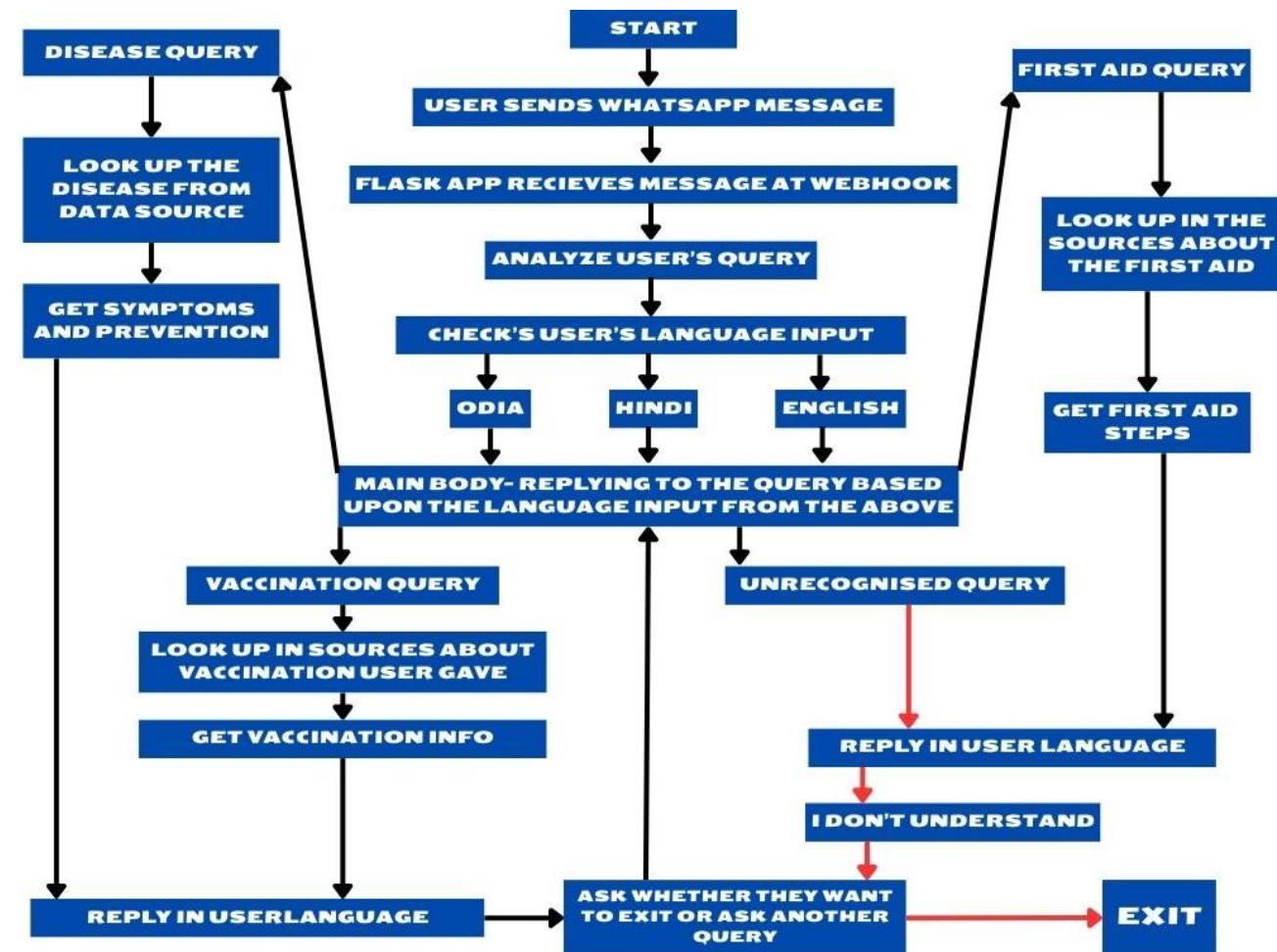
DISEASE AWARENESS CHATBOT



- This is a **WhatsApp-based chatbot** that delivers instant and reliable information on diseases, first aid, and vaccinations.
- It bridges the gap in health knowledge by sharing structured, pre-approved data directly with users in their **preferred language (Odia, Hindi, English)**.
- By tackling misinformation, it ensures people make safer, informed health decisions.
- Its uniqueness lies in **multilingual support, an easy-to-use WhatsApp interface, and a curated knowledge base built for public health awareness.**
- The solution empowers communities, **promotes preventive care, and supports better healthcare outcomes.**



- This is a Python-based WhatsApp chatbot that provides instant and reliable information **on diseases, first aid, and vaccinations.**
- It reduces barriers to health knowledge by using WhatsApp as an easy, accessible medium and delivering curated content in multiple languages (**Odia, Hindi, English**).
- By **sharing trusted, structured information**, it helps users make informed health choices while preventing misinformation.
- Its innovation lies in the **Python backend, seamless WhatsApp integration**, and **multilingual support** that ensures inclusivity across diverse communities.



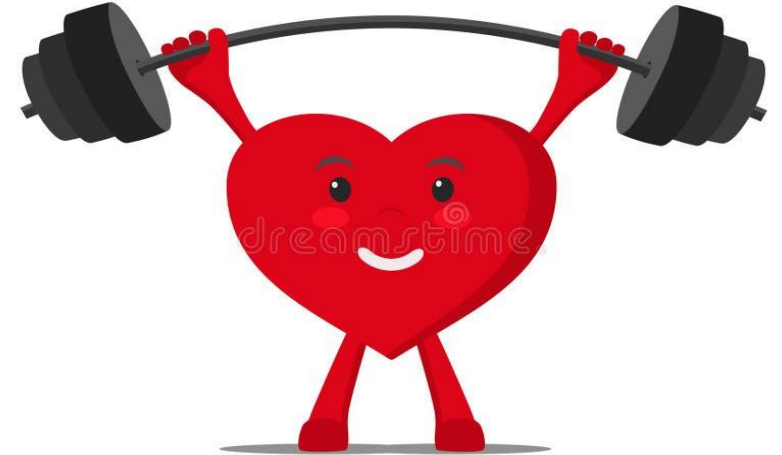
FLOW CHART DEPICTING OUR WORKING OF OUR CHATBOX

- The project is a technically feasible **Python/Flask WhatsApp chatbot** that leverages a widely used platform to meet a clear demand for accessible, multilingual health information.
- Key considerations include **managing API costs**, ensuring the **constant medical accuracy** of all content, and preventing users from **misinterpreting the information as a medical diagnosis**.
- To ensure success, we will **collaborate with medical experts** for content, implement **mandatory disclaimers** for users, and use a simple keyword/menu system for reliable interaction.



- Provides instant, accurate health info in Odia, Hindi, and English.
- Improves health literacy and supports quick, informed decisions.
- Shares verified data to combat misinformation.
- Promotes health equity by reaching diverse communities.
- Eases healthcare burden through prevention and early action.

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- <https://www.wikipedia.org/>
- <https://www.who.int/>
- <https://www.data.gov.in/keywords/Disease>
- <https://ncdc.mohfw.gov.in/>

