A M A L I T E C H

Project Title: Medical Chatbot

Project Objective

Chatbots are computer programs that converse with users in natural language. They can understand the user's intent and send responses based on business rules and data from an organization. These chatbots process language using algorithms, allowing them to understand human speech. Chatbots are increasingly being used in a variety of healthcare services to stimulate and engage in a conversation with a user to provide real-time assistance to patients.

Customer Requirements

1. Design a conversational chatbot for a local community health facility using [rasa](#)

2. The bot should be able to provide

    a. medical information including disease symptoms, diagnostics, available treatments, and support for adverse drug reaction

    b. directions to medical facilities such as hospitals, pharmacies, labs, etc.

    c. simple interpretation to medical terminologies such as BMI, hypertension, benign, malignant, etc.

3. The bot must have a user-friendly interface

4. The bot must support 3rd party integration and deployment on social media apps like WhatsApp and Facebook

5. Use this initial [data source](#) and feel free to expand it per the requirements

Deliverables

*   Web application source code (GitHub - implement Gitflow with reasonable number of commits including a well-written README file)

*   WhatsApp or Facebook chatbot deployment

*   Final project presentation