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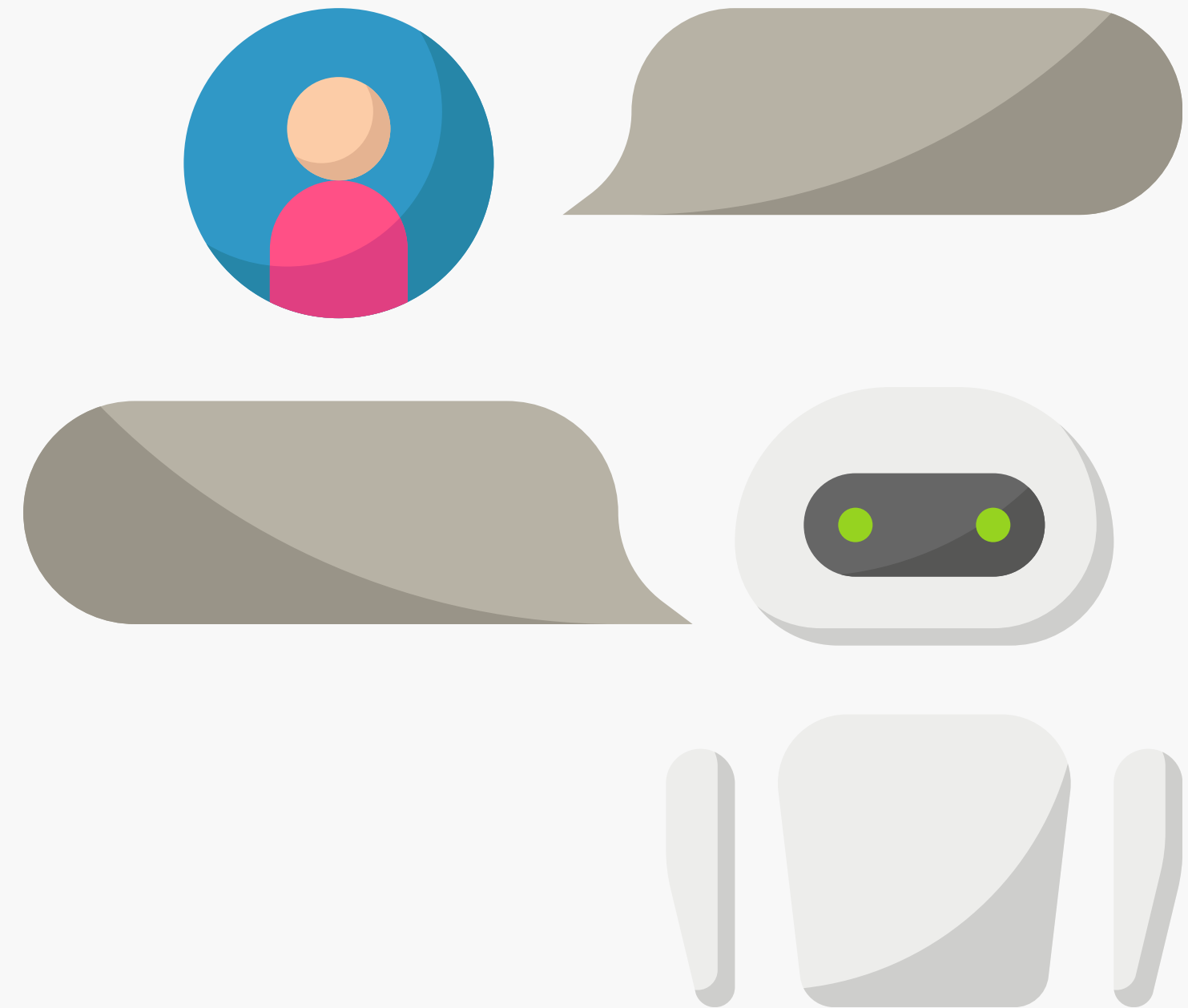
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COMMUNICATIONAL AI TOOLS

Communicational AI tools are one of the most advanced techniques of interaction between humans and machines. A computer software leverages innovative artificial intelligence models to interpret and process users' words and sentences to stimulate a natural conversation.

Using machine learning and deep learning algorithms, the software can easily understand the intention and significance of what a user is communicating and use this data for a multitude of applications.



NATURAL LANGUAGE PROCESSING

NLP is an application of artificial intelligence exclusively for human speech processing and analysis. Deep learning is utilised to accommodate the variability in human speech.

Follow this short demo to understand the usability and framework of a communication tool through a chat-bot interface.



Here are two parallel processes that occur within the chatbot during a conversation.



Extraction

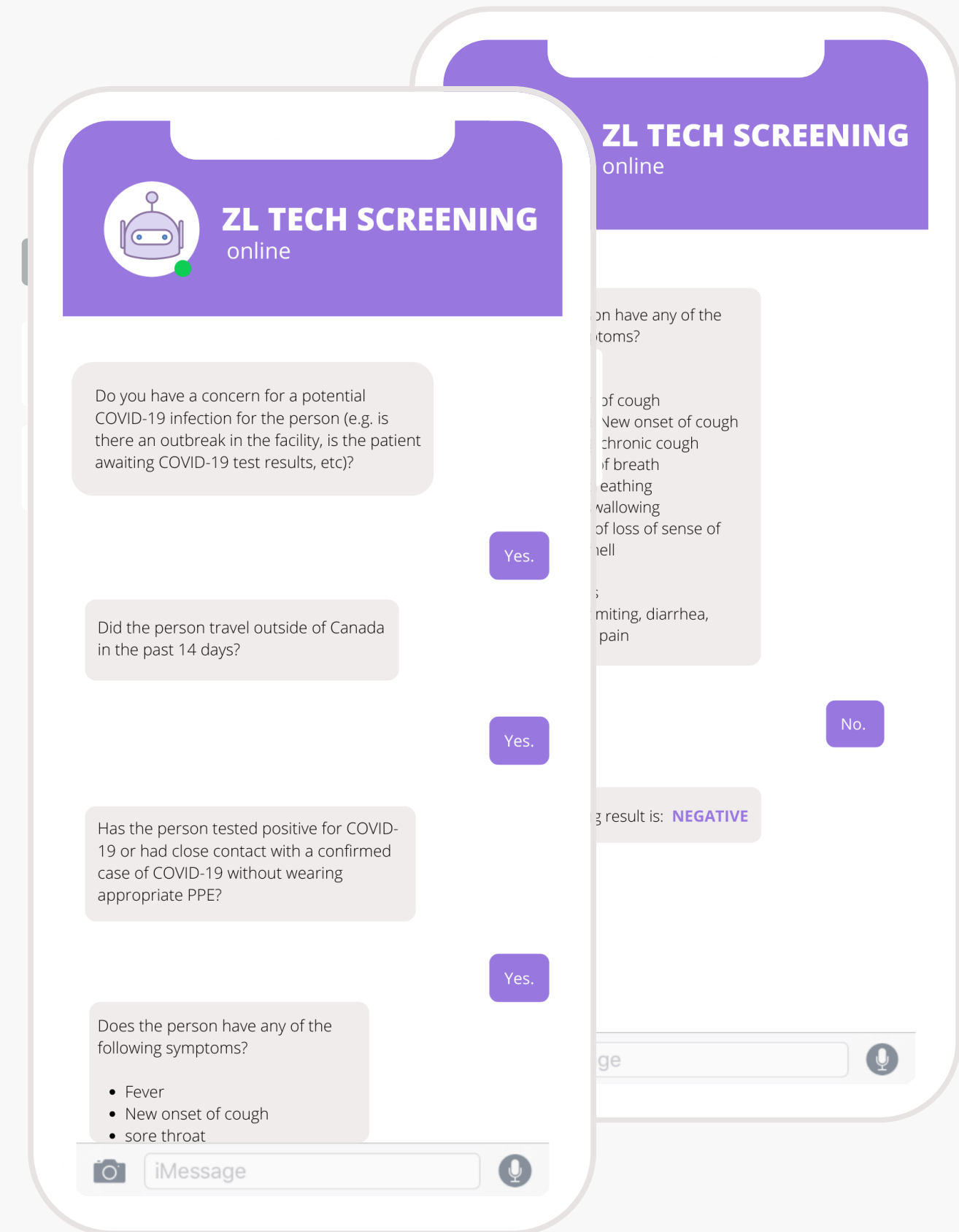
The chat-bot recognizes the important words/phrases in a sentence.

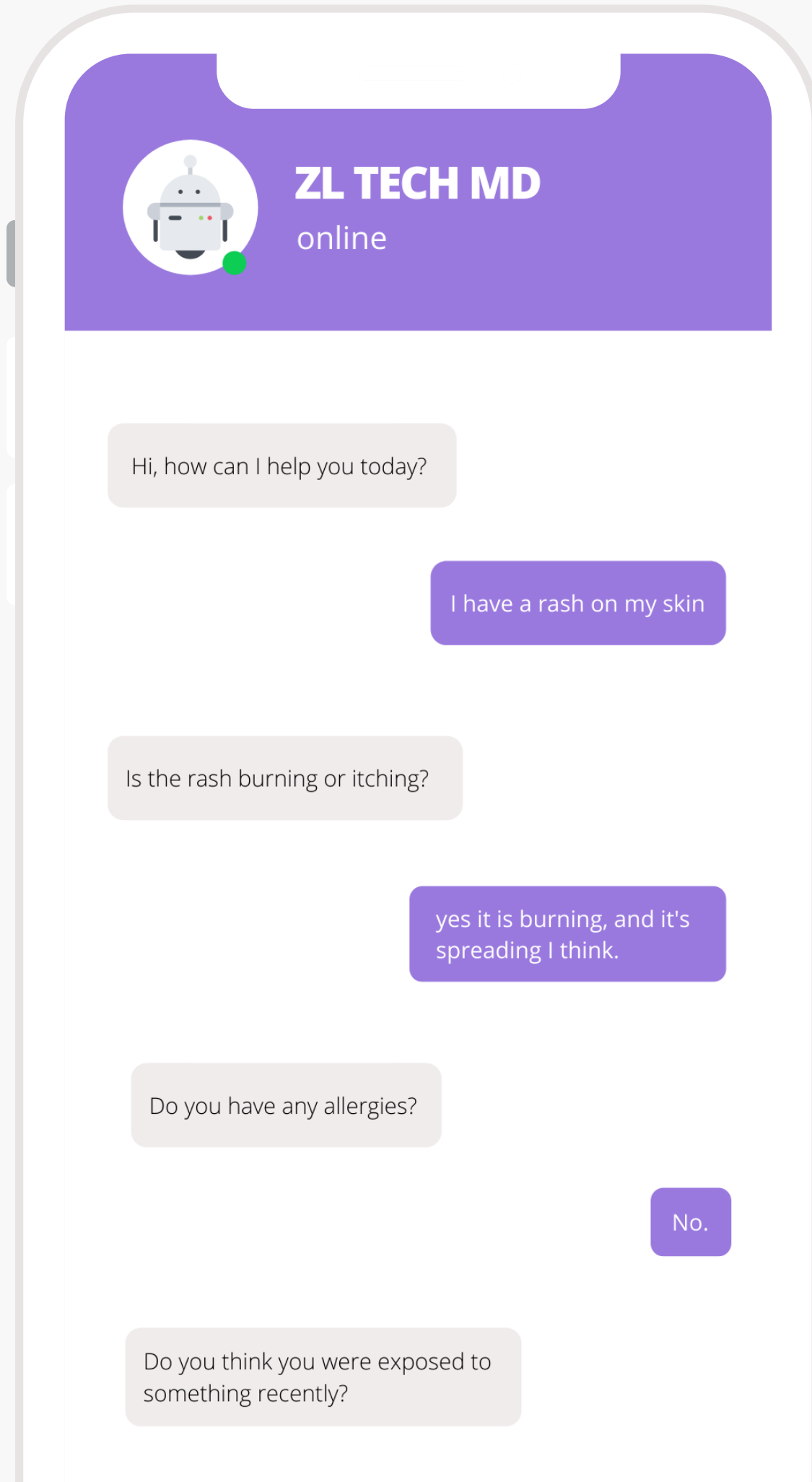
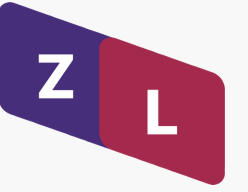


Identifying Intents

it determines the intent of the user, and thus learns how to guide the conversation.

AI relies on annotated sample data to learn context of conversation and recognize significant words. This data individualizes a chat-bot for a specific use case and allows for customization.





THE AI CHATBOT CAN BE APPLIED TO SYMPTOMS TRACKING ON ANY PATIENT ENGAGEMENT PLATFORM

