

Lipi- My Personal Assistant

Leveraging IBM Watson's Natural Language Processing capabilities to plan, implement, test, and deploy chatbots

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Hosting Platform- IBM Watson



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What is a Chatbot?

A chatbot is a computer program that uses AI to have a conversation with humans. Users can ask questions, clarify requests, search for answers from a knowledge base and respond to chatbot questions and statements using natural language. A chatbot could support text input, audio input, or both.

The terms chatbot, virtual assistant, and conversational agent are sometimes used interchangeably, but chatbots tend to support simpler conversations and more singular tasks.

e.g. A chatbot could tell you whether it will rain tomorrow, but a conversational agent might determine that what you need to know is what you should wear.

Building a Chatbot?

The first tasks are to identify the goal and define the scope of the chatbot. What does the group requesting the chatbot want to accomplish? How is this goal currently addressed, and what are the challenges that are driving a need for a chatbot?

Chatbots succeed when a clear understanding of user intent drives the development of both the chatbot logic and the end-user interaction. As part of the scoping process, it defined the intention of use.

e.g. Will users want information about weather or determine whether they need to bring their computer in for repair?

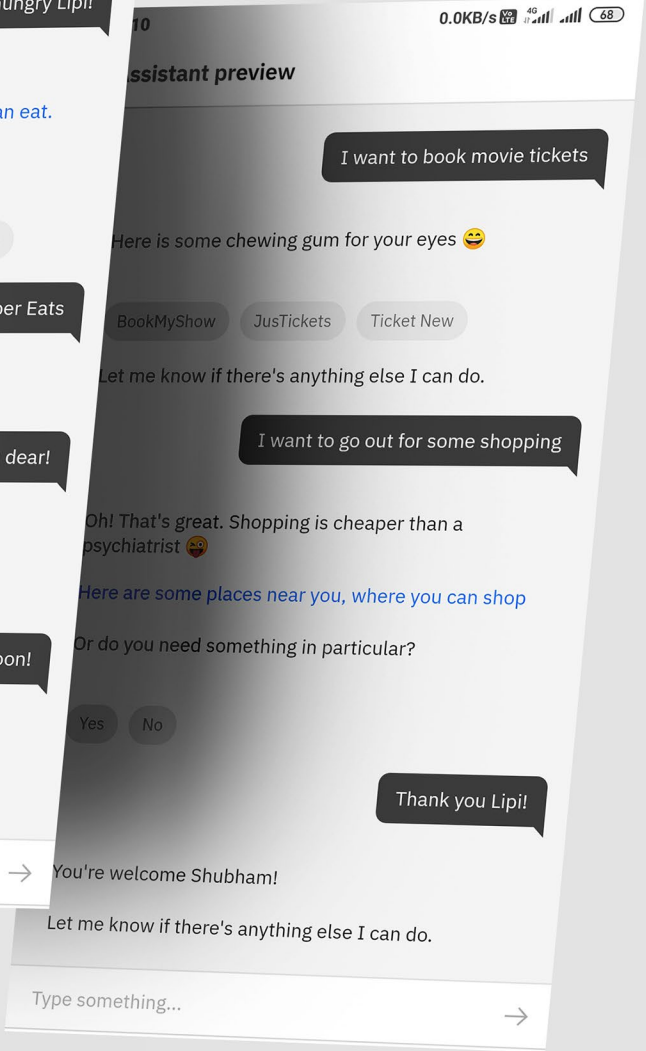
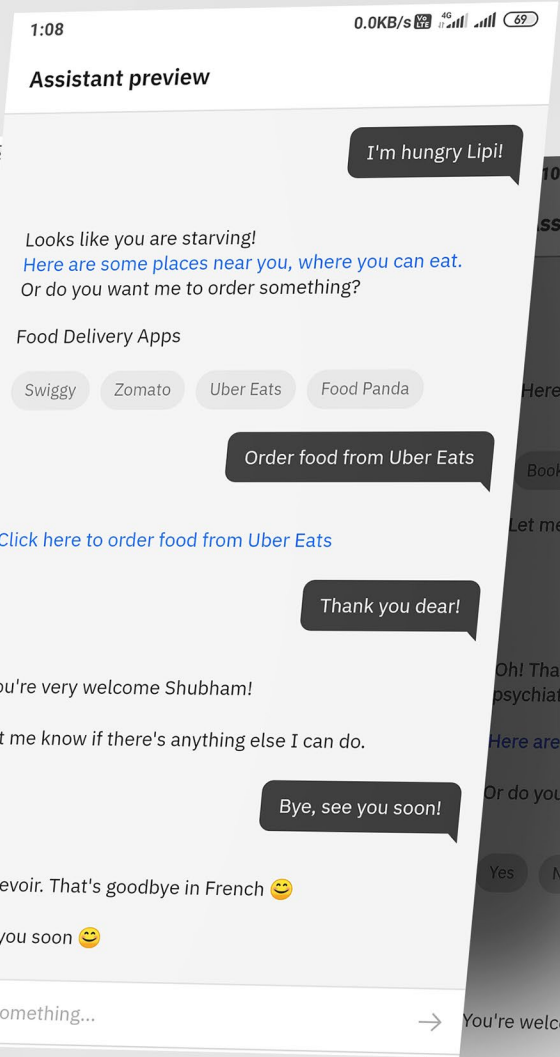
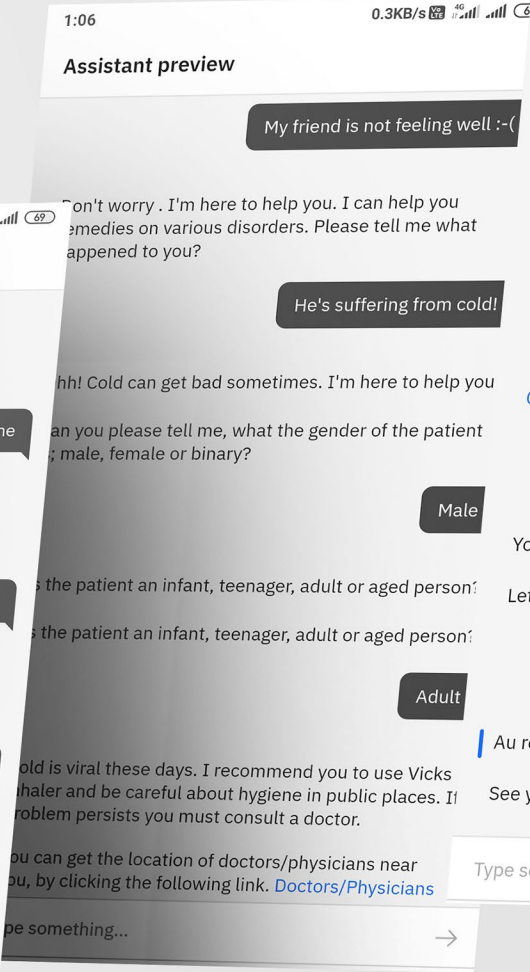
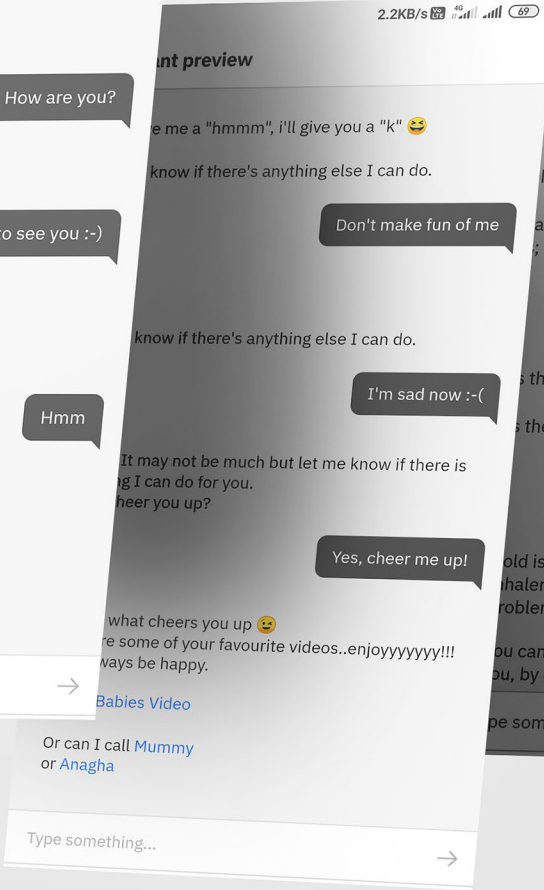
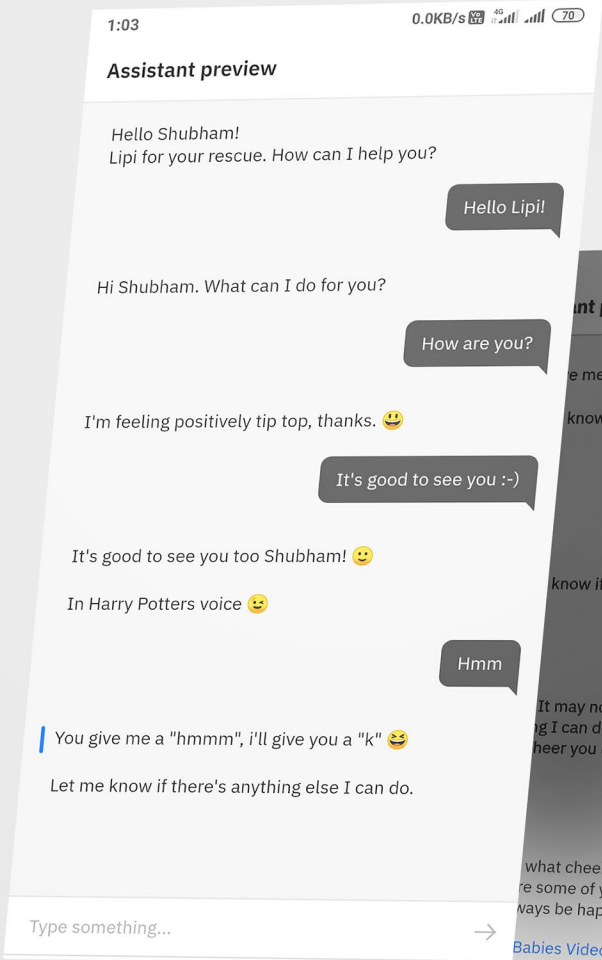
It also defined the entities. An entity is a type of object or data that is relevant to a user's intent. If your chatbot is helping an individual find an NGO, entities might include the nature of work of the NGO, the location and the person to contact.

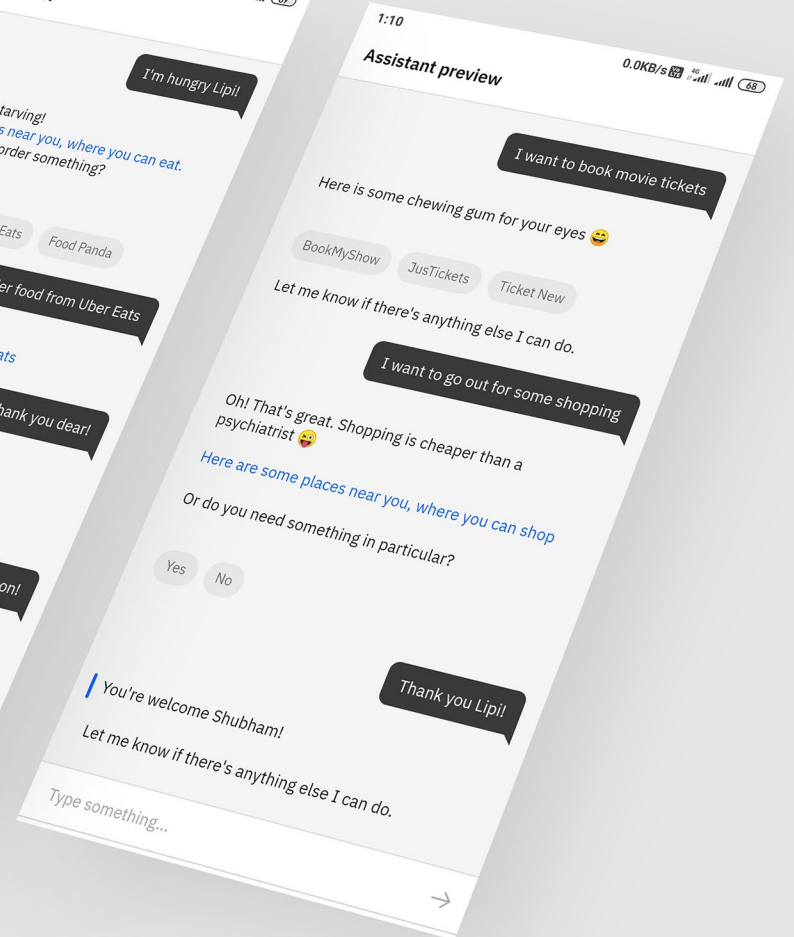
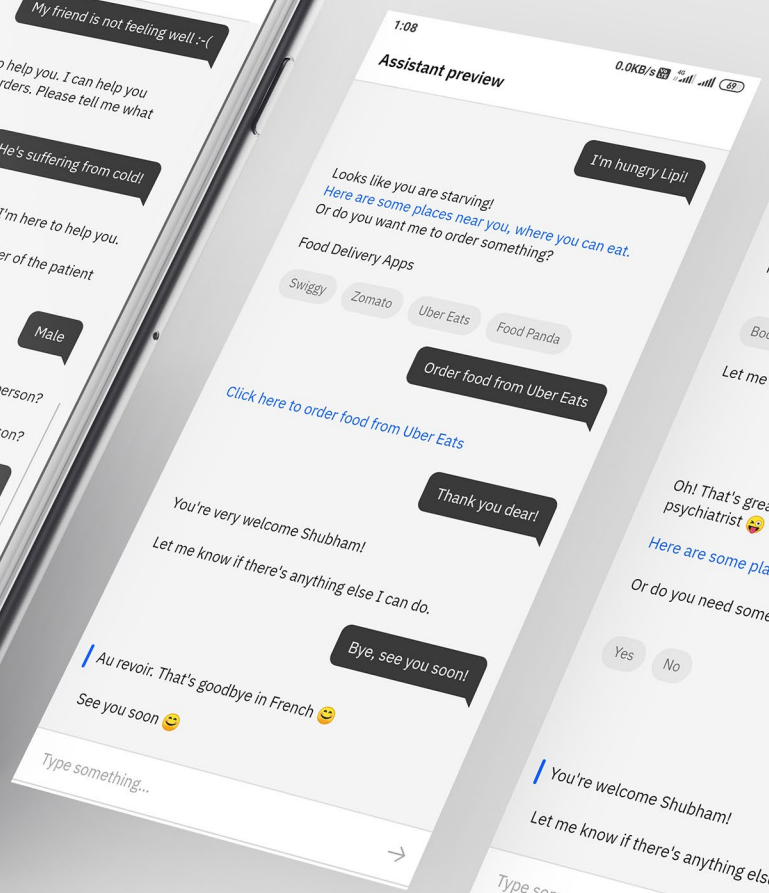
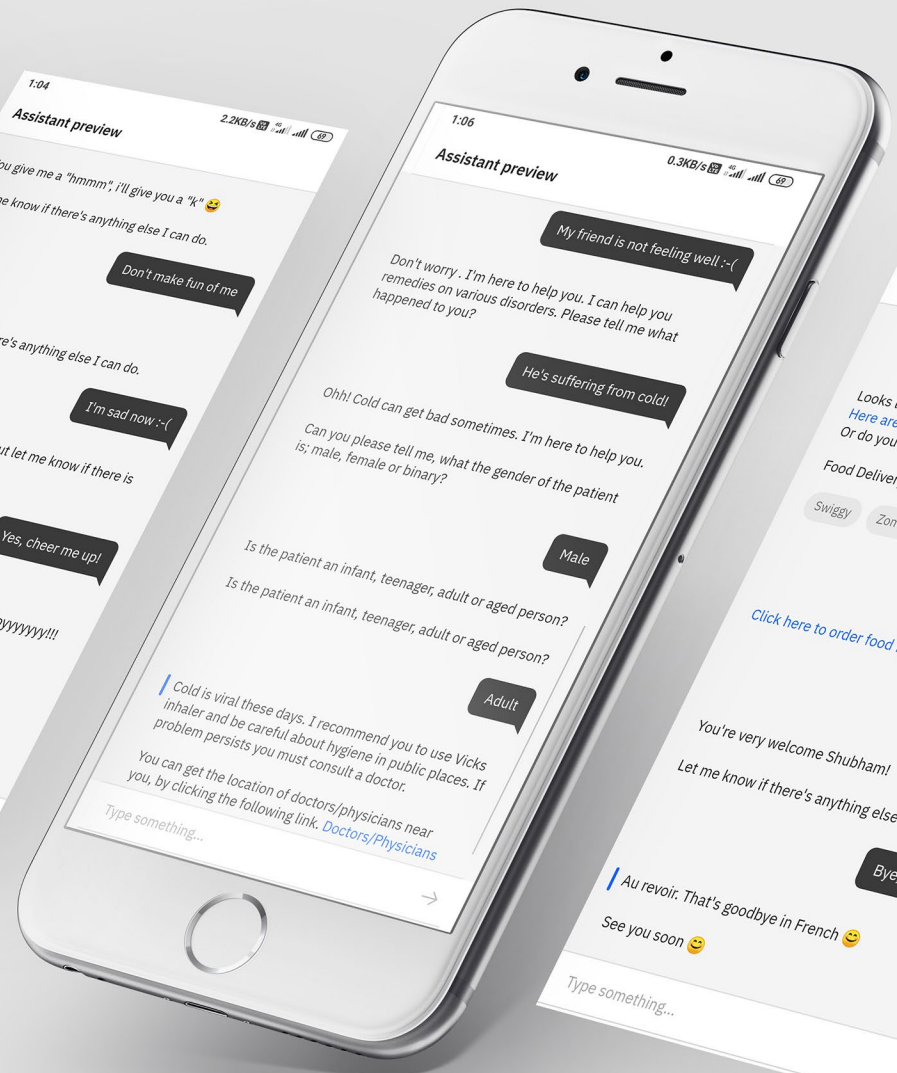
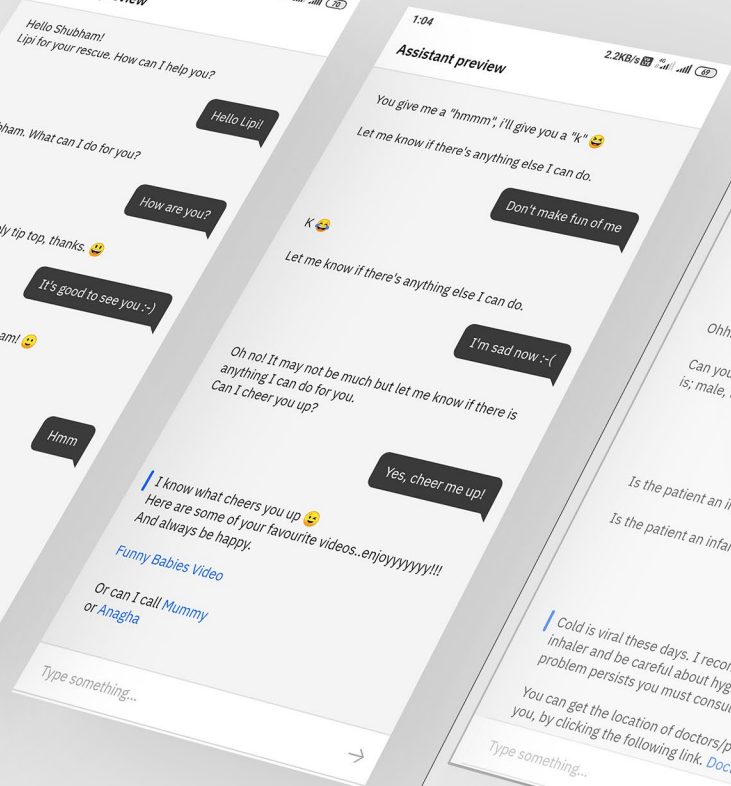
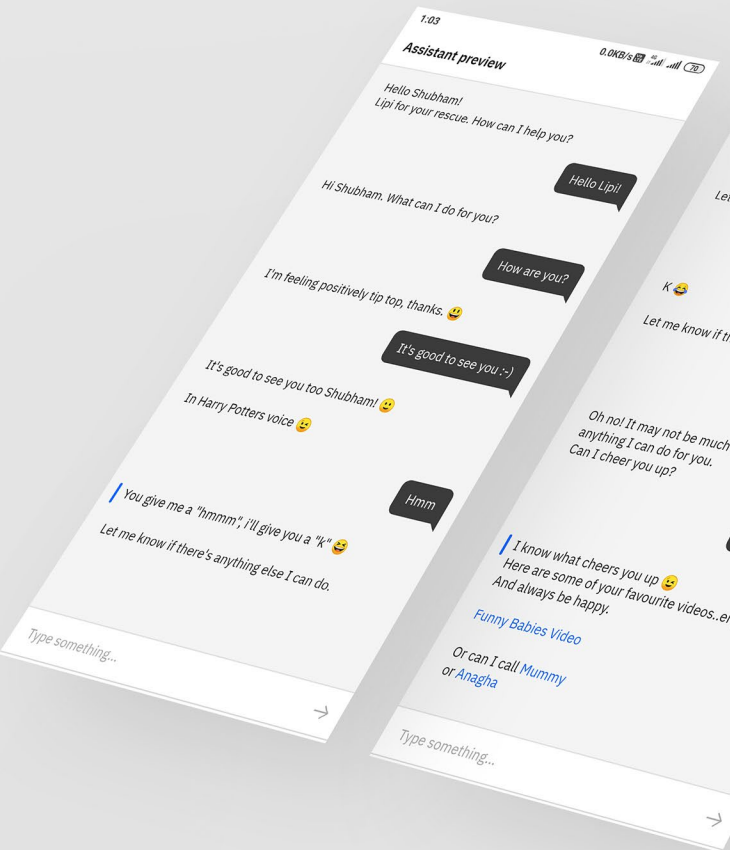
Lipi- My Personal Assistant

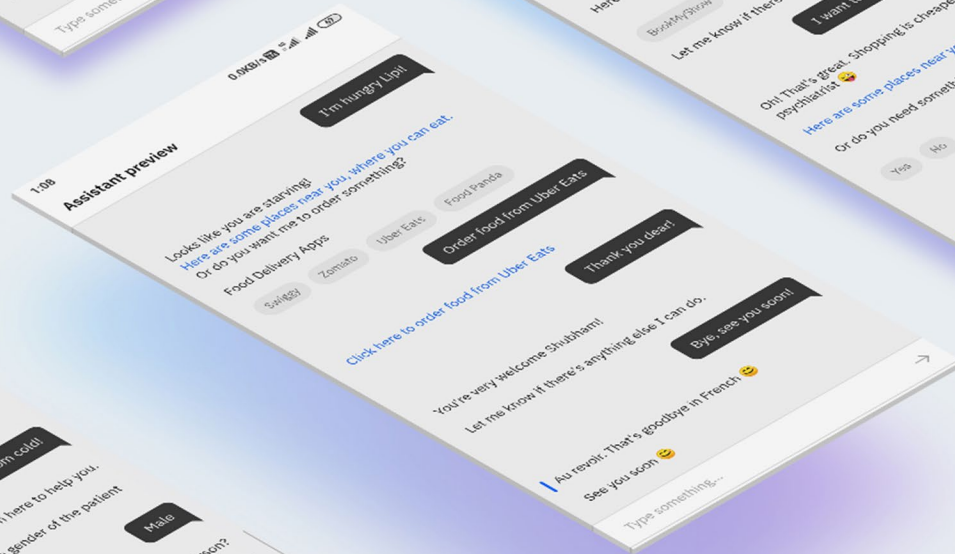
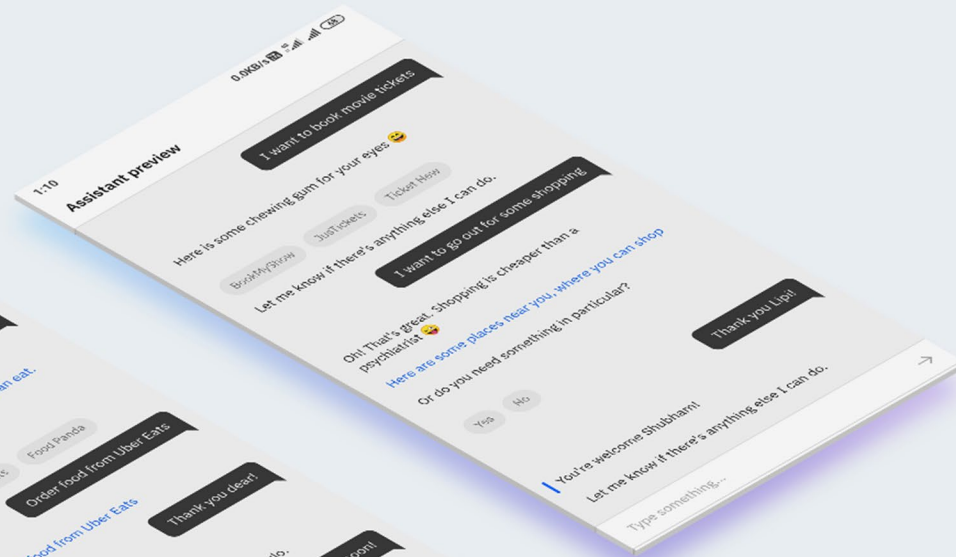
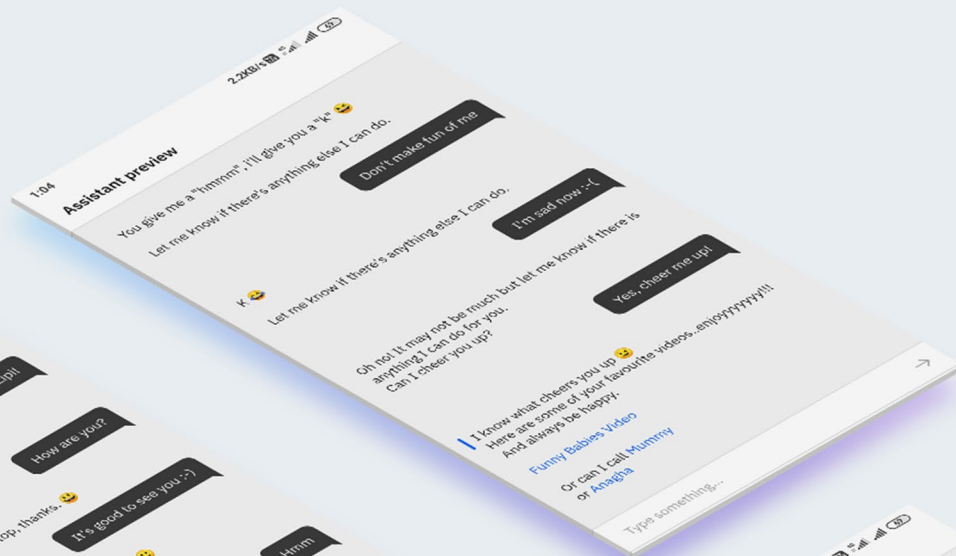
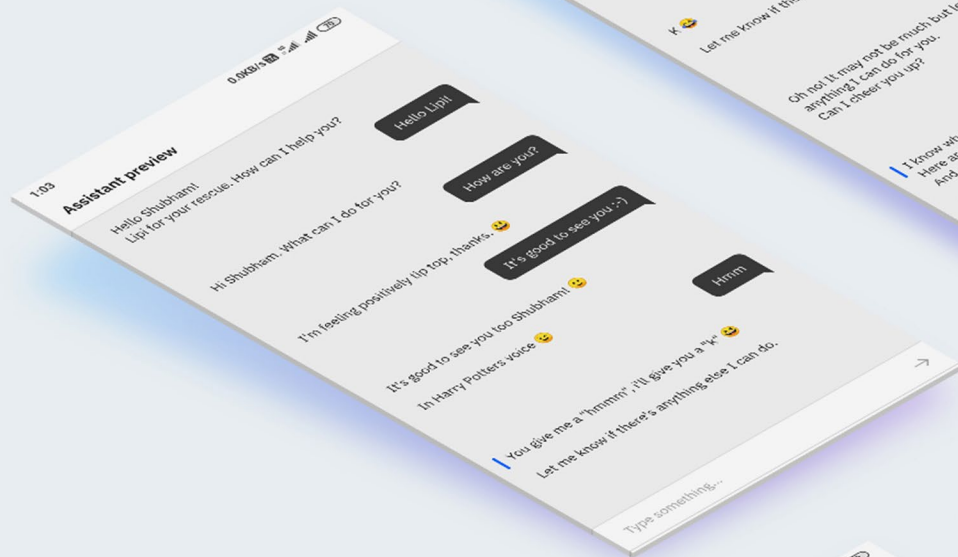
By leveraging IBM Watson's Natural Language Processing capabilities, learned to plan, implement, test, and deploy chatbots. Programmed to perform multiple sets of simple tasks, Lipi understands natural-language and responds like a human. She's truly virtually virtuous.

What can Lipi do?

- Find nearest doctors based on the type of illness, type of medication required, age and gender of the patient.
- Order medicines from nearby chemists.
- Helps in shopping, booking movie tickets and many such tasks.
- Shows nearby eateries and helps in ordering food from food delivery sites.
- Lipi can tell information herself and can interact with the user according to his/her mood in an interactive way with a pinch of humour.







GitHub Repository

Link to GitHub repository;

https://github.com/5hubhamyadav/Lipi-My_Personal_Assistant.git

Contents;

intents (.csv)

entities (.csv)

dialog flow (.json)

images (.jpeg)

mockups (.jpeg)

document (.pdf)

Scan the QR code
or [click here](#)
to use experience Lipi

