



## **DOMAIN:CLOUD APPLICATION DEVELOPMENT**

**PROJECT NAME:VOICE CHATBOT WITH WATSON**

### **PHASE 2**

### **INNOVATION**

In this section you need to put your design into innovation to solve the problem. Create a document around it and share the same for assessment as per the instructions mentioned.

Consider implementing advanced features such as natural language understanding (NLU) for more accurate user intent recognition.

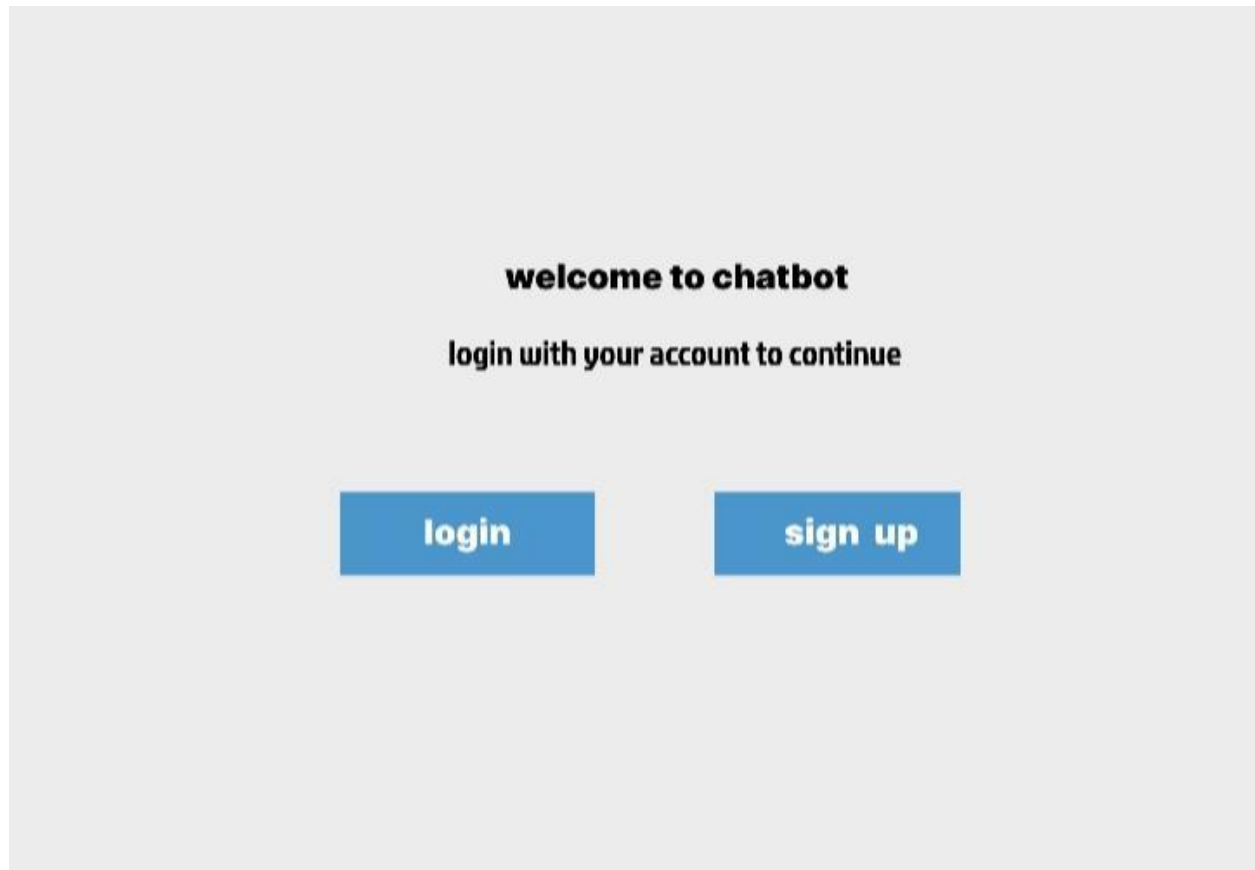
## **INNOVATION:**

Audio chatbots interact with users through spoken language, allowing users to speak or receive voice responses in return.

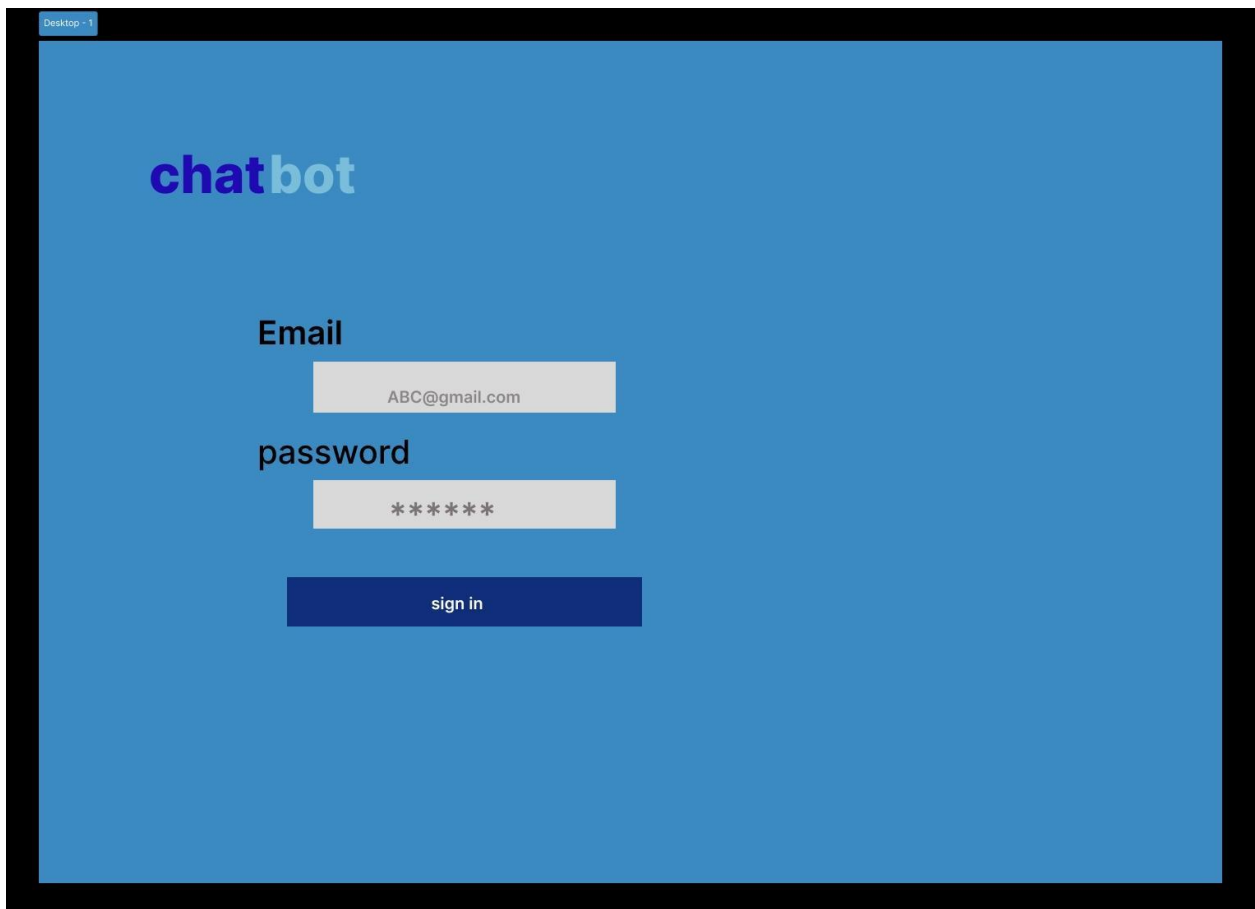


Creating a voice chatbot for a login page involves designing a conversational interface to guide users through the login process using voice commands. The chatbot might be activated using a wake word, such as "LOGIN" or "SIGN UP" to listen for voice commands. Upon

successful authentication, the chatbot can confirm the login and grant access to the user



Users provide their identification information using voice commands. This could include their email. Users would need to provide their password securely. You may implement voice recognition technology to verify the user's identity. Voice biometrics can be used to match the user's voice to their pre-recorded voiceprint for authentication.



The image shows a login interface for a service named 'chatbot'. The background is a solid blue color. In the top left corner, there is a small blue tab labeled 'Desktop - 1'. The 'chatbot' logo is positioned in the upper left area, with 'chat' in dark blue and 'bot' in a lighter blue. Below the logo, the form consists of two input fields and a button. The first field is labeled 'Email' and contains the text 'ABC@gmail.com'. The second field is labeled 'password' and contains six asterisks '\*\*\*\*\*'. Below these fields is a dark blue button with the text 'sign in' in white.

Desktop - 1

chatbot

Email

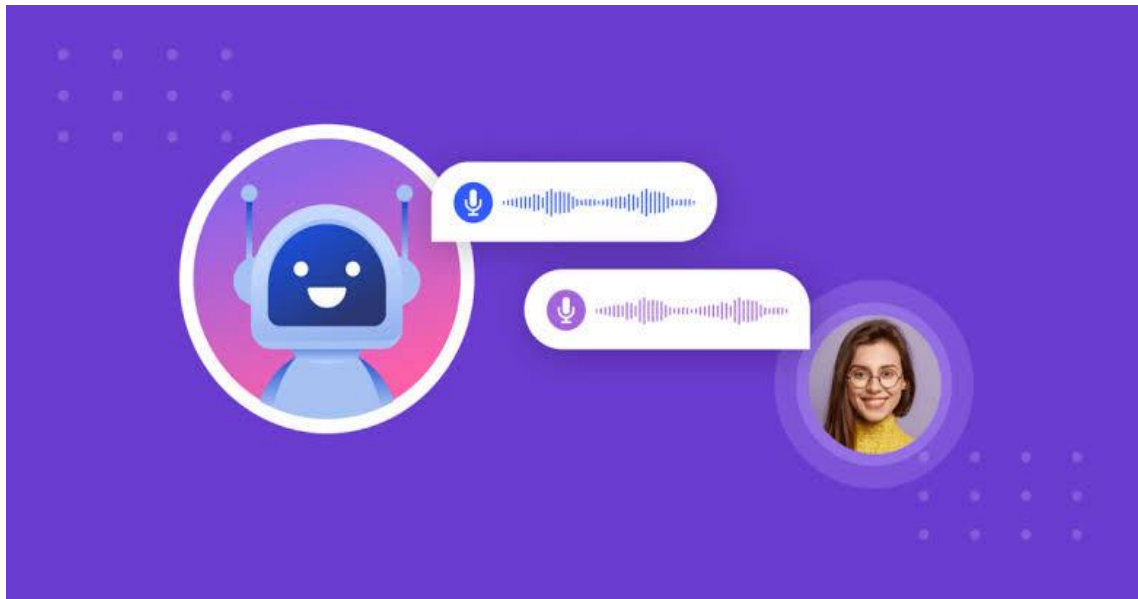
ABC@gmail.com

password

\*\*\*\*\*

sign in

Audio-to-audio conversion, in the context of technology, typically involves processes such as recording, encoding, decoding, and potentially altering audio files. Making edits to an audio file, such as cutting, copying, pasting, or adding effects. Altering the characteristics of a voice in an audio file, such as pitch shifting or voice modulation.



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