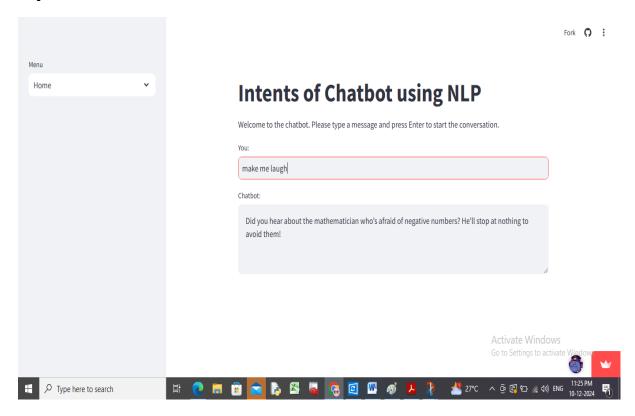
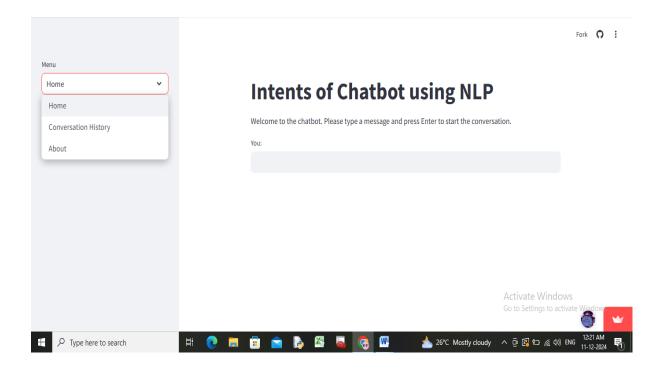
# Implementation of chatbot



# **Code for Implementation of chatbot**

```
"I'm sorry, but I don't have access to real-time information like the current time.",
       "You can check the time on your device or use a clock."
},
   "tag": "joke",
   "patterns": [
      "Tell me a joke",
      "Do you know any jokes",
       "Make me laugh"
   1,
       "Why don't scientists trust atoms? Because they make up everything!",
       "Why don't skeletons fight each other? They don't have the guts!",
       "Did you hear about the mathematician who's afraid of negative numbers? He'll stop at nothing to avoid them!"
},
   "tag": "food",
   "patterns": [
       "What's your favorite food",
       "Do you like to eat",
       "Tell me about food"
                                            🥵 📴 腿 🧳 🔼
```

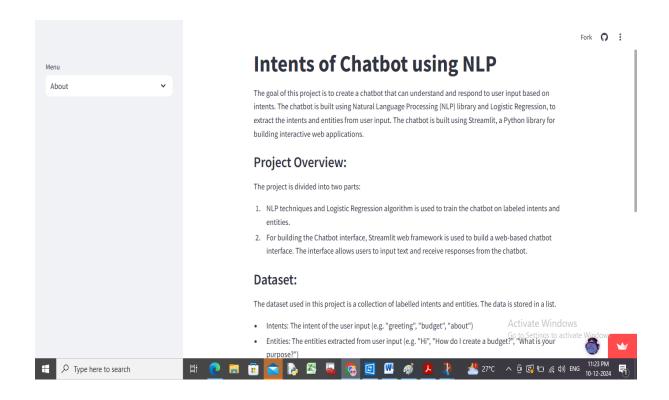
### Home page



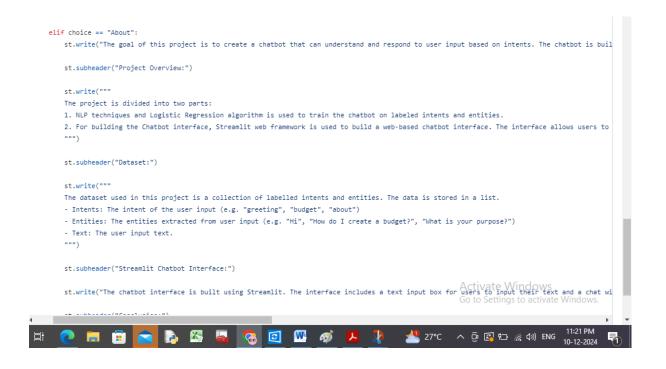
# Code for home page

```
45
46
       counter = 0
47
48 v def main():
49
          global counter
50
          st.title("Intents of Chatbot using NLP")
51
52
         # Create a sidebar menu with options
          menu = ["Home", "Conversation History", "About"]
          choice = st.sidebar.selectbox("Menu", menu)
55
56
          # Home Menu
57
          if choice == "Home":
58
              st.write("Welcome to the chatbot. Please type a message and press Enter to start the conversation.")
59
              # Check if the chat_log.csv file exists, and if not, create it with column names
61
              if not os.path.exists('chat_log.csv'):
                  with open('chat_log.csv', 'w', newline='', encoding='utf-8') as csvfile:
62
63
                     csv_writer = csv.writer(csvfile)
                      csv_writer.writerow(['User Input', 'Chatbot Response', 'Timestamp'])
64
              user_input = st.text_input("You:", key=f"user_input_{counter}")
68
                                                                                                     Activate Windows
69
              if user_input:
                                                                                                     Go to Settings to activate Windows.
70
```

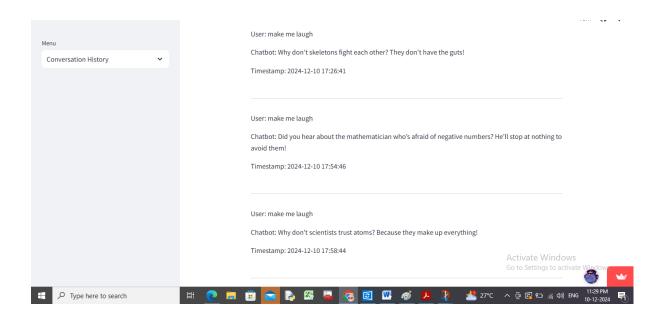
#### About section of chatbot



#### **Code for About section of chatbot**



# **Conversation history of chatbot**



### **Code for Conversation history of chatbot**

```
# Conversation History Menu
elif choice == "Conversation History":
    # Display the conversation history in a collapsible expander
    st.header("Conversation History")
    # with st.beta_expander("Click to see Conversation History"):
    with open('chat_log.csv', 'r', encoding='utf-8') as csvfile:
          csv_reader = csv.reader(csvfile)
          next(csv_reader) # Skip the header row
          for row in csv_reader:
               st.text(f"User: {row[0]}")
               st.text(f"Chatbot: {row[1]}")
                st.text(f"Timestamp: {row[2]}")
                st.markdown("---")
elif choice == "About":
    st.write("The goal of this project is to create a chatbot that can understand and respond to user input based on intents. The chatches a chatbot that can understand and respond to user input based on intents. The chatches a chatbot that can understand and respond to user input based on intents. The chatches a chatbot that can understand and respond to user input based on intents.
                                                                                                                              Go to Settings to activate Windows.
    st.subheader("Project Overview:")
```