

CLEVERGIPH:

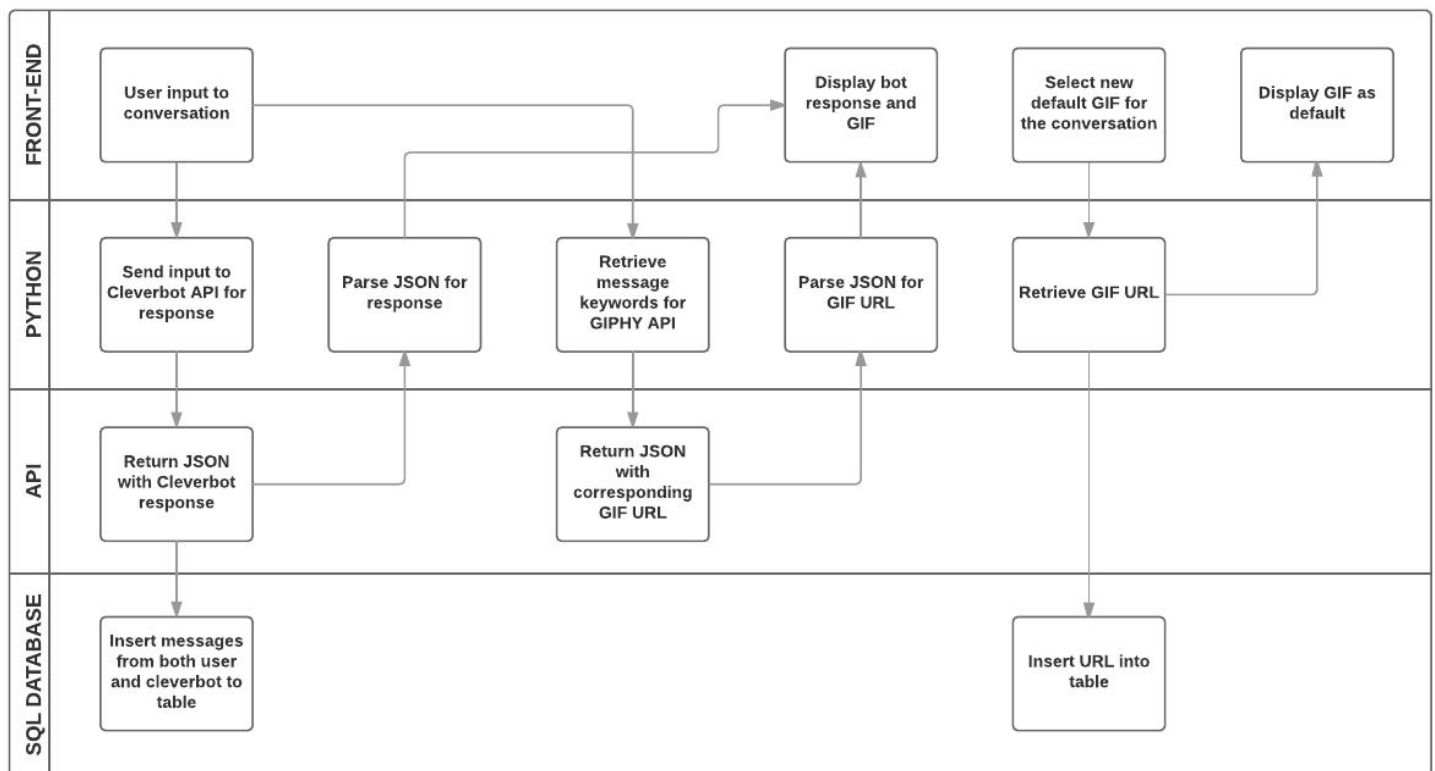
Bot Communication with Pop-up GIFs

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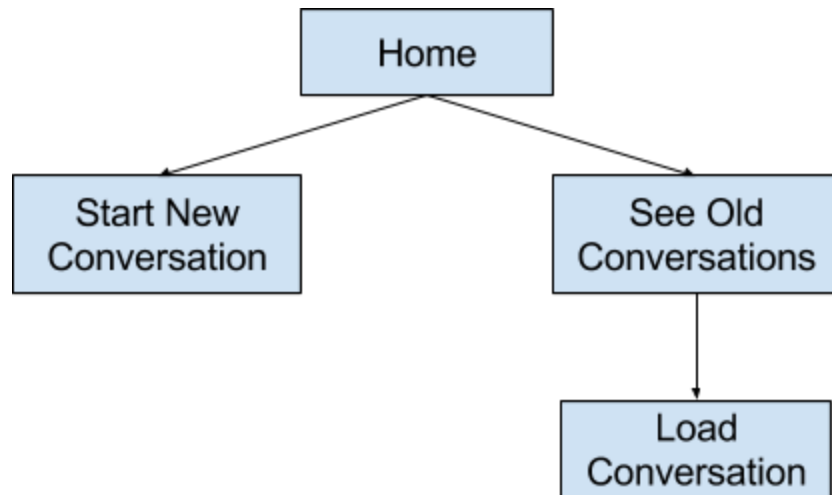
Summary

CleverGiph is a melding of the Cleverbot and the Giphy APIs. The user of our website will be talking to a Cleverbot (via API calls) while pop-up gifs will be generated based on the context of the conversation. This will be done by parsing through the conversation and finding meaningful words and then passing them to the Giphy API. The user can keep his favorite gif generated. The favorite gif will always be displayed within the conversation. Once a user quits the conversation, the conversation history will be stored but the user may no longer be able to respond to the conversation.

Component Map



Site Map



Page Visions:

Home

Clever Gif
Start New Conversation
See Old Conversations


Start New Conversation

Title	
Hi. Hello.	<div>[Gif representing most recent line]</div> <div>[Previously selected GIF to represent this conversation]</div>
Start typing here...	
Save conversation	<div>Save GIF</div>

See Old Conversations

Conversation 1 (Timestamp)	Conversation 2 (Timestamp)	Conversation 3 (Timestamp)
Conversation 4 (Timestamp)	Conversation 5 (Timestamp)	Conversation 6 (Timestamp)
Conversation 7 (Timestamp)	Conversation 8 (Timestamp)	Conversation 9 (Timestamp)

Load Conversations

"Title"	
<div>How do you like the name "Clever Giph"? It's ok.. Why? Only ok? Well I don't know what that is. It'll be you plus gifs. No.</div>	<div></div>
Return to Conversations	

Database Schema

Threads

Primary Key id	time_stamp	message_log	gif_url
0	2014-10-18 21:31:12	{ "cs": "112nxdyIJO2...AAA", "interaction_count": "2", "input": "Hello.", "output": "How are you?", "conversation_id": "AYAR1E3ITW", "interaction_1": "Hello.", "interaction_1_other": "How are you?", "interaction_2": "", "interaction_2_other": "Good afternoon.", ... }	https://media.giphy.co m/media/l0Hluv3yV9Q RirYc0/giphy.gif
1			
2			
3			

Team Roles

Adam -- Frontend

- Create Bootstrap templates
- Work with Jinja
- Make sure things look pretty
- Load the conversation in a way that works

Terry

- Work with Cleverbot API
- Coordinate input and outputs between user messages and Cleverbot
 - Input user message and retrieve Cleverbot reply, using Cleverbot's id parameter
 - Keeping track of number of messages sent by user (Cleverbot parameter)

Irene

- More CSS, connecting webpages via app.py
- Python function that will retrieve message log and display appropriately for a specific ID
- Creating database Python file with the following functionalities/methods:
 - Creating the *threads* table
 - Adding rows to the table when the first message of a new chat is sent
 - Appending to the "message_log" string for each message from both user and Cleverbot
 - Accessing "message_log" for a given ID

Shannon (Project Manager)

- Working with Giphy API
- Creating the blacklist of prepositions (like "of", "and", "with", etc) to successfully choose a keyword
- For every message, choose a random word *not* in the blacklist and send to Giphy API to retrieve random corresponding gif for the user to select