

Chatbot Report

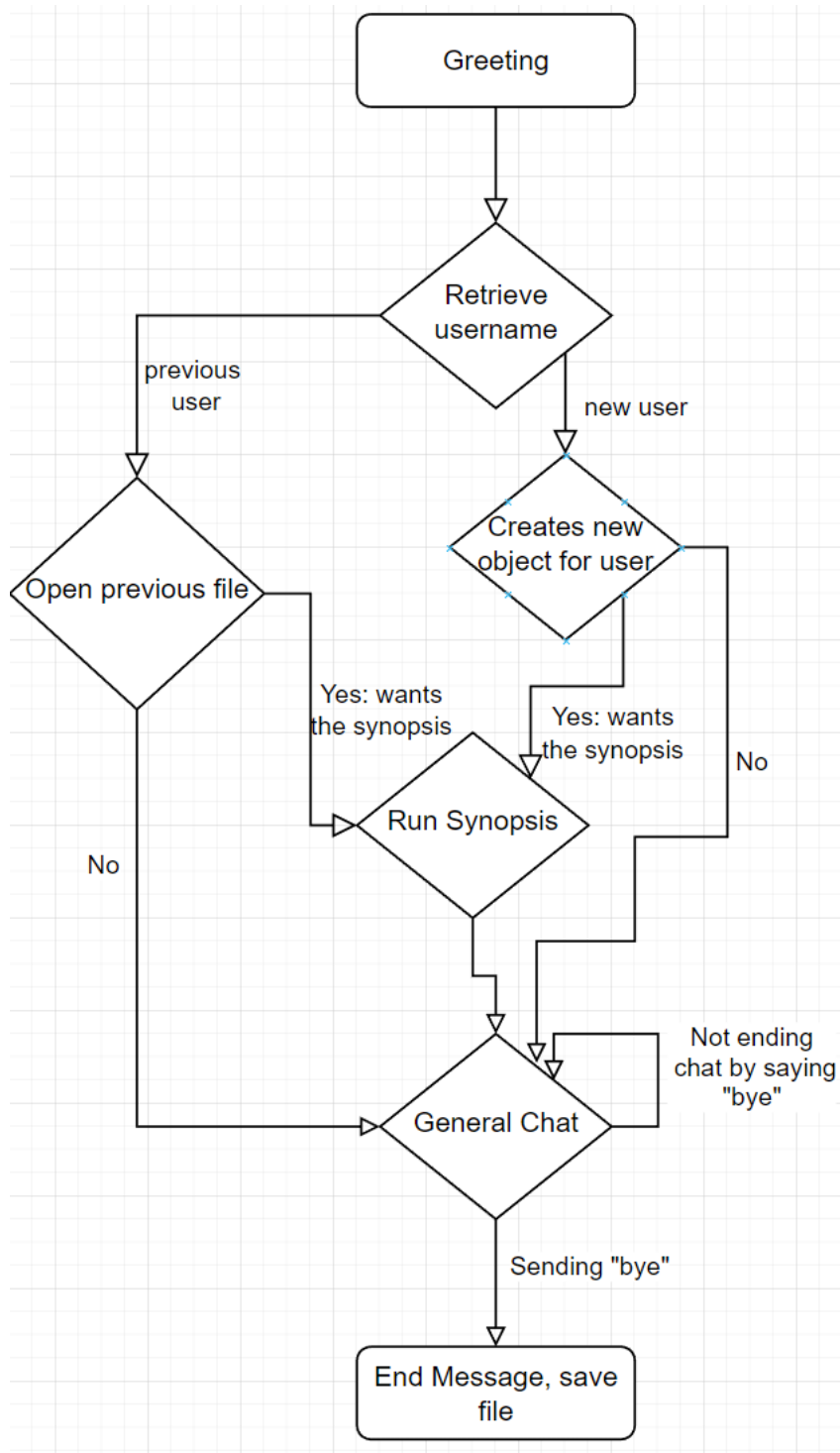
System overview:

This chatbot is based on the movie *Llamageddon*, directed by Howie Dewin. To start this chatbot store a user's information by pickling a `UserPerson` object which contains a user's name, derived likes and dislikes, the chatbot's affinity score, what ratings and trivia has been shown to the user, whether they have seen the movie or received a content warning, and finally the user's opinion on the movie. When a user first runs the chatbot, it asks the user their name and either creates an object for them and adds them to the *users.txt* file (stores all the current users) or opens a previously created file and retrieves the object corresponding to the current user. There are a couple things that a user can do within the chatbot. It can handle a user sending messages talking about the movie and will output correlating responses, can show a user trivia about the movie (each fact can only be shown once), can request the ratings from the movie, and can give their own opinions on the movie that will be stored for later use. The ratings were scraped from IMDB using *Rating_Crawler.py*.

When a user uses the chatbot for the first time, the chatbot will attempt to show the user a synopsis and give a content warning to the user, which can be denied if the user does not want any possible spoilers, unless the user says that they have already seen the movie. If they have seen the movie, it will ask how they feel about the movie. All input given from users uses `SentimentIntensityAnalyzer` imported from `nltk.sentiment` to determine if the user is speaking positively to the chatbot. If a user gives a bad rating to the chatbot or is generally negative towards the chatbot (this includes using profane language) the user's score will be penalized. If that score dips too low, the chatbot will throw a fit and delete the user's file and ban that name

from being used for future files. When a user is negative or positive, the chatbot will identify what noun the user is speaking about and store that information.

Dialog Tree



Sample Dialog

If the user has not seen the movie and its their first time using the chatbot:

--LLAMAGEDDON CHATBOT--

Beep, Boop. Enter your name.

Wyatt

Fresh blood... I'm Llouie.

Alrighty so, this is a chatbot for a true masterpiece. One of the greatest movies I have ever had the chance to experience: LLamageddon. There are a couple things we can do from here: we can just generally chat about the movie, you can ask about trivia, or you can ask for ratings. As we chat be mindful of the tone you use. I am fairly opinionated and fairly childish so if I get too mad there's really no telling what might happen. I also really care about this film, so being too critical will also rub me the wrong way.

It seems like you've never had the chance to see LLamageddon! I can totally give you a synopsis if you'd like! I do have to say there is a portion of the movie I would like to warn you about though before you watch it.

Yes

When a killer llama from outerspace crash lands in a rural town, a college student's party turns to bloodshed. Giving away anything more than this would be a crime, though I will say there is a particularly disturbing scene that I could warn you about if you'd like.

Sure

Near the end of the movie, one of the main cast is changed into a llama and proceeds to lay Llama eggs for like WAY too long. The special effects are really good too, which makes it that much worse to watch. The actor has a stellar performance as well. The horror elements in the movie definitely build but this scene takes the cake and is absolutely horrifying.

Trivia

Many of the names in the credits are puns.

Would you like another?

Yes Please

This movie is free on Amazon Prime! The therapy you'll need after the egg scene is not, unfortunately.

Would you like another?

No thanks

Got it! Is there anything else you'd like to talk about?

Can i see some ratings for the movie?

Although I had low expectations for this film, I couldn't resist the title. At the first sight of the red glaring eyes of the Space Llama, Would you like another?

Yes please!

I couldn't finish this film, I gave it maybe 20 minutes but it was unbearable. This is not "so bad it's good" like other reviewers are sug Would you like another?

No thanks

Hi! I'm unsure exactly what you want to talk about unfortunately. If you'd like to end our conversation, simply say goodbye!

How did they avoid animal cruelty while working w Louie?

Louie was given plenty of breaks and was never forced to do a scene he didn't want to.

That's why most of his scenes are just him walking (usually lured with treats I assume).

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Don't llamas spit?
Hi! I'm unsure exactly what you want to talk about unfortunately. If you'd like to end our conversation, simply say goodbye!
Did Louie spit on the cast?
Howie Dewin talked about how he will never forget the taste of llama spit, so it seems like Louie definitely spat everywhere.
I genuinely feel bad for those who were spat on.
Wait so how do you feel about the special effects in the movie?
I love the special effects in this movie. Some of them are so good while others remain so cheesy.
I don't think I need to say the Louie does not, infact, shoot lasers out of his eyes.
Some of the practical effects were mildly dangerous ( specifically the explosions during the chase sequence ), but even then the safety
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of everyone involded was the main priority of the director.
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The heart and egg scene really take the cake, though, and were genuinely impressive effects amongst the more jokey effects.
Whats your favorite joke in the movie?
I really love when Dan changes his shirt to a startrek shirt during his inspirational speech.
What didn't you like from the movie?
Hi! I'm unsure exactly what you want to talk about unfortunately. If you'd like to end our conversation, simply say goodbye!
Was there a part of the movie you did not like?
I really didn't like the egg scene. The horror elements in the movie definitely build to that
scene, but the actor's performance combined with the sudden quality of the practical effects really make the scene that much more horrifying.
It makes me deeply uncomfortable, despite the quality of the scene ( as it is meant to do ).
How do you feel about bad movies?
I really love horrible movies. The worse a movie is, the more charm and the funnier I find them.
Out of all, Llamageddon takes the cake for me. I love sci-fi and the movie is genuinely hilarious.
Bye! Have a good one!
Okay! Have a good one!
```

Someone who logs in using an existing file and has seen the movie:

```
--LLAMAGEDDON CHATBOT--

'Sup dude! Can you enter your name really quickly?
Wyatt
This name has been used. Just to make sure, we've talked before right? (Enter 'T'or 'F')
T
'Sup dude!
Alrighty so, this is a chatbot for a true masterpiece. One of the greatest movies I have
ever had the chance to experience: Llamageddon. There are a couple things we can do from here:
  we can just generally chat about the movie, you can ask about trivia, or you can ask for
ratings. As we chat be mindful of the tone you use. I am fairly opinionated and fairly
childish so if I get too mad there's really no telling what might happen. I also really
care about this film, so being too critical will also rub me the wrong way.

It seems like you've never had the chance to see Llamageddon! I can totally give you a synopsis if you'd like!
I do have to say there is a portion of the movie I would like to warn you about though before you watch it.
I've already seen the movie!
Oh nice! What'd you think? I really liked it! So much I made a whole chatbot for it!
Thanks! How else can I help you?
Can i see some more trivia?
As the credits roll, the movie plays one more time but spead up as fast as possible.
Would you like another?
```

The rest of the dialog is like the previous example. Finally, if someone makes the chatbot angry:

```
Beep, Boop. Enter your name.  
Wyatt  
This name has been used. Just to make sure, we've talked before right? (Enter 'T' or 'F')  
T  
Well my day's been shot.
```

They will receive special rude greetings from the chatbot as well as ...

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Dude you've been so rude to me since you started talking to me. I think it's time for a fresh  
start. As of now, your user file is being deleted. Fix the attitude or get better movie opinions.
```

Getting told off by the chatbot and getting your user file deleted.

Weaknesses

This chatbot is relatively flexible but could miss prompts that could be answered with my prewritten answers that don't contain the key words. If this is the case, the chatbot will ask the user to try again or tell them how they can leave the chatbot if they would like to do so. While there is still a good amount of flexibility regarding the type of input the chatbot will understand and respond to, there is a good chance of it being unable to adequately respond to a user. The subject I chose was relatively limited as the movie isn't super well known, so I couldn't find a ton of ratings or trivia from the internet. With the trivia I would have to manually go into the text file and add more facts. With the ratings, however, I compensated for this by adding the user's ratings for the movie after having watched it. This does leave room for people to be profane or possibly troll the chatbot by adding completely unrelated opinions or statements into the chat file, which would then be shown to anyone who uses it and checks the ratings.

I thought it would be funny for the chatbot to be able to delete a user's file if they're being rude to the robot, but I was only able to determine this by using the sentiment analyzer. If

the person was negative enough, the chatbot will assume that the user is most likely being rude or mean. This does limit the use of the program. However, when someone is nice to the robot, points are added. So if someone doesn't like the movie or just tinkers with Llouie and is kind of mean to it, they could restore points and not get their file deleted.