New Commands and Features **2**
!game 2
!poll 2
!title 3
!giveaway 3
!uptime 4
!permit and associated system 4
!sounds 5
Sub Thank You Message 5
StreamLabs Integration 5

Quality of Life Additions/Changes **6**
clean/beautify UI 6

Code-Level Cleaning **6**
Commenting 6
Efficiency Reworking 6
Settings.xml in-file comments explaining settings 6

Setting Descriptions **7**
Channel Name Update Button 7
!who Message Update Button 7
!schedule Message Update Button 7
!social Message Update Button 7
Join Button 7
Rejoin Button 7
Commands Tab/Whisper Commands/!stats 7
Commands Tab/Commands/!shoutout 7
Commands Tab/Commands/!quote 7
Commands Tab/Commands/!addquote 7
Update Banned Words Needing “Pauper Consilio” 7

New Commands and Features

Going to need a new tab for each of the more complex systems

!game

Writes current game to chat

Can get current game via Twitch API

!poll

Allows viewers to vote on from a selection of choices
Will auto close after a number of minutes but user can disable that or have it auto close after a specified amount of time

Potentially use a Poll object

- String ~ Name <name/choice>
- Int ~ Votes <# of votes>
- Int ~ Position <choice #>

Client side features

- Open poll button
    - Deletes previous poll
- Close poll button
- Add choice textbox and button
- Auto Close Time number box
- Auto Close enable/disable checkbox
- Box to display each choice with its name/choice, # of votes, choice #
    - Reorder choices based on # of votes after poll has closed

Chat Commands

- !poll open #1 <*string*> #2 <*string*> etc
    - Opens a poll, w/o client side use, and adds each choice based on its number
    - Deletes previous poll
- !poll close
    - Auto displays results(can be disabled with client side checkbox)
- !pollresults
    - Displays results of last poll

Increment numberOfPolls each time a poll is created

!title

Writes current title of stream to chat
Can get current title via Twitch API

!giveaway

Restriction options

- Minimum point value
- Chat message must contain keyword
- All viewers(no restrictions)
- Must follow channel

User can pick which restriction level they want

If minimum point value

- Check each viewer's points to see if it matches minimum point value
    - Need text box for user to enter minimum point value
- If viewer's points are at or above min value, add them to the list
- After giveaway has ended randomly pick someone from the list
- Write winner's name to chat congratulating them and asking them to speak up in chat

If Keyword

- User defined keyword
    - Will need textbox for user to enter keyword
    - Have keyword start with a special character like # to prevent accidental entry
- Add chatters to giveaway list only if their message contains the keyword
- After giveaway has ended randomly pick someone from the list
- Write winner's name to chat congratulating them and asking them to speak up in chat

If Must Follow

- Only add viewers who follow the channel to the list
- Once giveaway has ended, randomly pick someone from the list
- Write winner's name to chat, congratulating them and asking them to speak up in chat

If No Restrictions(default)

- Add all viewers to list and after giveaway has ended randomly pick a viewer
- Write winner's name to chat congratulating them and asking them to speak up in chat

Client side features

- Open Giveaway button

- Close giveaway button
- Giveaway message
- Auto close giveaway after 10 min(default) or user defined amount of time
- Restriction level selection box
- Min point value number box
- Keyword textbox

Chat Commands
- !giveaway open *<custom message>*
    - Uses no restrictions
    - Usable only by user and mods
- !giveaway close
    - Manually ends giveaway
    - Draws winner from list
- !giveaway
    - Writes giveaway message to chat

Maybe add subs name to list multiple times
- 2 or 3 times?

Increment numberOfGiveaways each time a giveaway is created

!uptime

Writes in chat how long the stream has been live

Get stream start time via Twitch API
Calculate difference between stream start time and current user time

!permit and associated system

!permit user
- Adds user to a permitted user list for 60 secs

List of permitted users should include user, mods, potentially subs

Link checking system
- Checks each message for: ‘www.’ ‘https://’ ‘.com’ etc
    - If message contains above, purge message and write something about links not being allowed in chat
    - If chatter is on permitted user list let the message pass

!sounds

!<*name of sound*>
!sounds

Client side additions/removals only due to needing local path of sound file

Client side features
- Name textbox
- File browsing dialog box
    - Must be an audio file
        - Potentially limit type of audio file
- Box to list all sounds
    - Selecting a sound displays its local file path

Chat commands
- !sounds
    - Lists all sounds in a single message

Sub Thank You Message

Automatically thanks person for subbing to the channel

Allow user to set custom thank you message via client side textbox

Looks simple
Twitch API ‘USERNOTICE’

If message contains USERNOTICE, write sub thank you message to chat

Not entirely sure how to test and need to read up on Twitch API

StreamLabs Integration

I have no idea how to do this
Leave this one alone until everything else is done
Read up on what streamlabs is and see if it will be useful to add integration for

Quality of Life Additions/Changes

clean/beautify UI

Code-Level Cleaning

Visual Studio TODO List Cleaning

Commenting

Efficiency Reworking

There seems to be a weird lag between when a command is sent and when the bot responds
Want quick startup
Don't care about close down speed
Want the bot to be as low impact as possible so as not to have an impact on obs video rendering(single computer streamer case)

Settings.xml in-file comments explaining settings

Setting Descriptions

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!social Message Update Button

Join Button

Rejoin Button

Commands Tab/Whisper Commands/!stats

Commands Tab/Commands/!shoutout

Commands Tab/Commands/!quote

Commands Tab/Commands/!addquote

Update Banned Words Needing “Pauper Consilio”