

Postmaker QA Testing

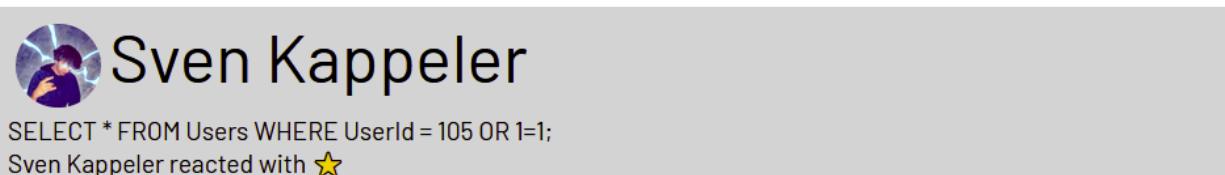
1) Proper Padding around long messages (P)

Long character messages are being properly padded, even extra long messages with 4000 characters (available with Discord Nitro)



2) SQL Injection (P)

Messages being parsed by the discord bot to be stored in the database appear to be being tokenized correctly, thus negating the possibility of an SQL Injection



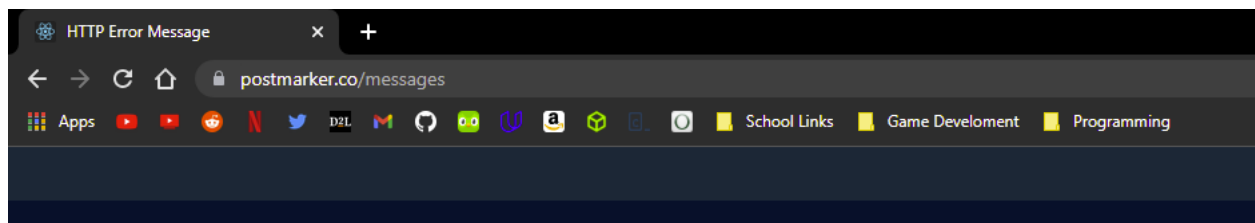
3) XSS (P)

Similar to the SQL Injection, the text is being properly surrounded in the HTML to not allow for cross site scripting attacks.



4) Attempting to bypass the login (P)

Trying to navigate to the messages page before logging into the webpage by changing the URL to point towards the messages page leads to an Error Page



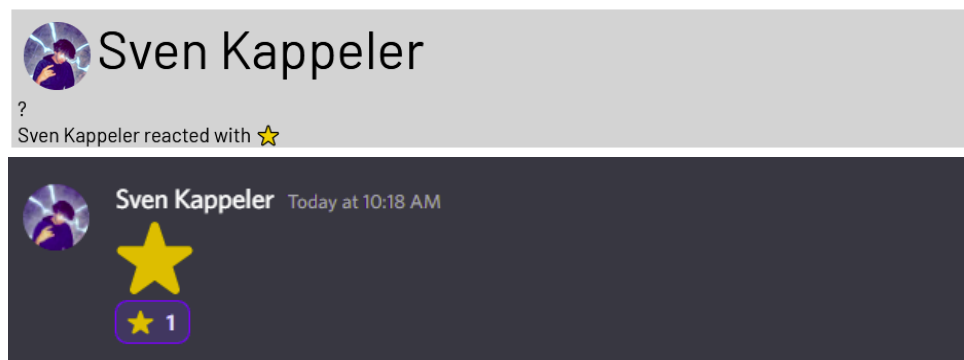
HTTP Error 401

Error: CWWKS5489E: An error was encountered while authenticating a user by using social media.



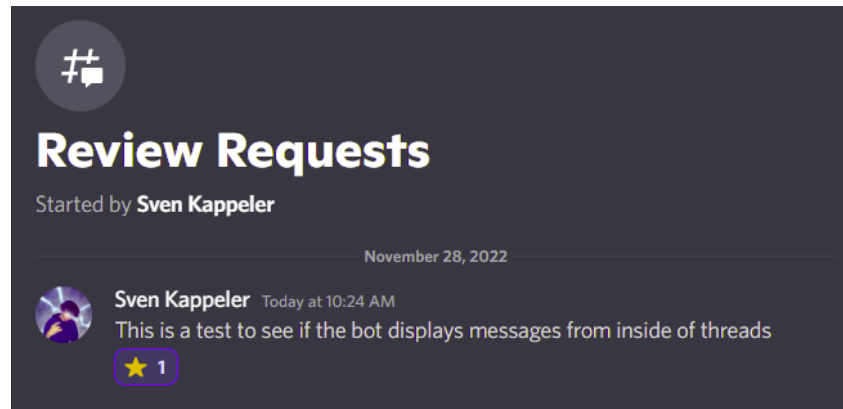
5) Displaying Emojis (F)

Certain emojis, inside of discord messages, do not get displayed on the webpage.



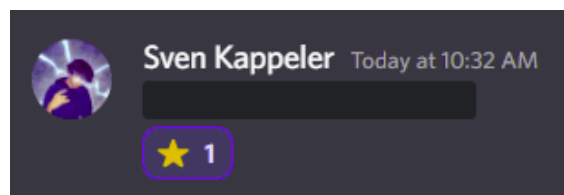
6) Displaying Messages from Threads (F)

Messages inside of threads of text-channels are not currently being displayed on the page.



7) Displaying Discord Spoilers (F?)

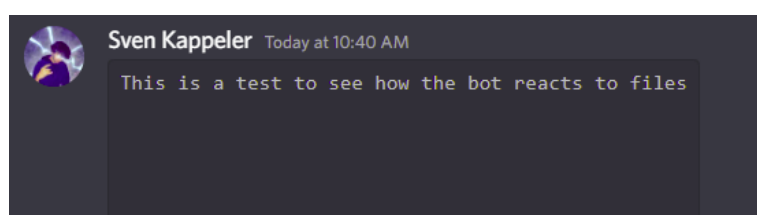
This doesn't seem incredibly important but just something interesting to point out, since the spoiler tag gets save automatically as, `|| ||` surrounding the text, messages marked with the spoiler text will automatically be shown on the webpage.



8) Displaying Reacted Messages from text-chats that aren't accessible by the current user.

9) Displaying Uploaded Files (F?)


Discord allows users to upload files to the platform, when reacting to these posts the website currently does not display any indication that a file has been the thing reacted to.




 **Sven Kappeler**
Sven Kappeler reacted with ⭐

10) Displaying New Lines in Discord Messages (F)

In the current state, new lines are completely ignored when being displayed on the page.


 **Sven Kappeler** Today at 10:47 AM
testing
how the bot


deals with new lines
 1

 **Sven Kappeler**
testing how the bot deals with new lines
Sven Kappeler reacted with ⭐


11) The order that the messages are being Displayed (F)

In the current state I am unsure how the messages are being sorted. It is grouping them by user, with the oldest posts displayed on top.

 **Sven Kappeler**
Sven Kappeler reacted with ⭐

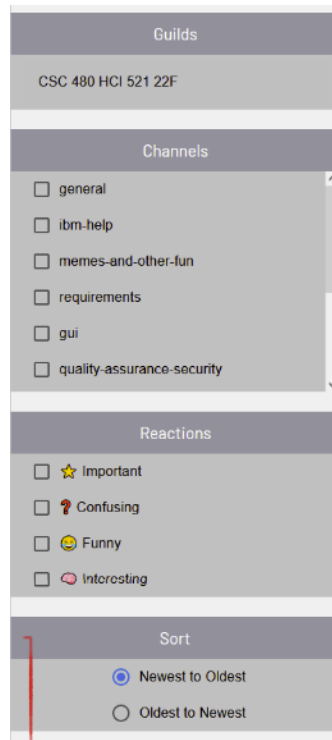
 **Sven Kappeler**
testing how the bot deals with new lines
Sven Kappeler reacted with ⭐

 **pavlsavstin**
holy cow long message whoa whoa whoa holy cow long message whoa whoa whoa holy cow long message whoa
whoa whoa holy cow long message whoa whoa whoa holy cow long message whoa whoa whoa holy cow long
message whoa whoa whoa holy cow long message whoa whoa whoa holy cow long message whoa whoa whoa
holy cow long message whoa whoa whoa holy cow long message whoa whoa whoa holy cow long message whoa
whoa whoa holy cow long message whoa whoa whoa holy cow long message whoa whoa whoa
pavlsavstin reacted with ⭐

 **Adam Yoho**
'SELECT' * from *
Daniel Eickler reacted with 😊

12) Sort By Alignment (F)

There is strange alignment occurring inside of the Sort Panel. It is the only panel that is center aligned.



13) Sort By Issue (F)

When clicking the Sort: Newest to Oldest it sorts it by the “Most recently reacted to”
When clicking the Sort: Oldest to Newest it sorts it by the “Age of the post, not Reaction”

For Example:

I wrote **1**, then **2**, then **3**.

I reacted to **1**, then **3**, then **2**.



14) Color Discrepancy on the Top Banner of the Page (F)



The Logo has the HEX: 876fe6

The Banner has the HEX: 817ce1

15) Selecting 2 Different Filter Options (F)

When selecting two different Filter Options it is currently using the AND relationship

When it makes more sense if it was using the XOR relationship.

Other times the second filter option is completely ignored.

Regression Testing ---

Test Case ID	Functionality According to SRS V3	How This Functionality Will Be Tested	Expected	Actual	Pass/Fail
TC1	Discord Bot Website Stores Messages From Discord Server	React to a discord message with an accepted emoji (A1)	Message posted on website	Message posted on website	Pass
TC1.1	Discord Bot Database Stores Messages From Discord Server	React to a discord message with an accepted emoji (A1)	Message recorded in database	Message recorded in database	Pass
TC2	Discord Bot Removes Messages From Website	Un-react to a discord message, removing an accepted emoji (A1, A2)	Message removed from website	Message Removed From Website	Pass
TC2.1	Discord Bot Removes Messages From Database	Un-react to a discord message, removing an accepted emoji (A1, A2)	Message removed from database	Message removed from database	Pass
TC3	Website Allows Search Of Specific Accepted Emoji	React to a discord message with an accepted emoji, access website, sort via accepted emoji (A1, A2, A3)	Website displays messages that are reacted with specified emoji	Website displays messages that are reacted with specified emoji	Pass
TC4	Website Allows Search Of Specific User Messages	React to a discord message with an accepted emoji, access website, sort via accepted user (A1, A2, A3)	Website displays messages that are reacted with accepted emoji by accepted user	Feature Not Implemented	Fail
TC5	Website Allows User To Send Messages Stored On The Website As A Direct Message On Discord	React to a message with an accepted emoji, access website, select post, select send via direct message (A1,	Discord bot directly messages user with post requested	Feature Not Implemented	Fail

		A2, A3)			
TC6	Admins may use slash commands to remove posts from the website	React to a message with an accepted emoji, use slash command to remove post from website (A1, A2, A4)	Website does not display message that was slash command removed	Website does not display message that was slash command removed	Pass
TC6.1	Admins may use slash commands to remove posts from the database	React to a message with an accepted emoji, use slash command to remove post from database (A1, A2, A4)	Database does not display message that was slash command removed	Database does not display message that was slash command removed	Pass

ASSUMPTIONS:

A1: An accepted emoji is established

A2: TC1 Passes

A3: An accepted user is established

A4: An accepted admin user is established

TC ID	Security Functionality	How This Security Function Will Be Tested	Expected	Actual	Pass / Fail
ST1	Website Will Not Be Accessible By An Unauthorized User	Attempt to access the website as an unauthorized user, attempt to request message as a direct message	Unauthorized user unable to access website	Unauthorized user unable to access website	Pass
ST2	Website Will Not Be Accessible By An Authorized User Who Is Not In The Established Discord Server	Attempt to access the website as an authorized user of discord, but not a member of the discord server	Authorized user unable to access website data	Authorized user unable to access website data	Pass
ST3	Non-Admin Users Will Not Be Able To Use Slash Commands To Remove Posts	As an established authorized user in the discord server that is monitored, attempt to delete an established post	Authorized non-admin user unable to delete post from website	Authorized non-admin user able to delete post from website. Note: What determines a user as an admin user	Fail

				and a non-admin user? Not implemented?	
ST4	Discord Bot And Website Are Resistant To DoS Attack	As an established authorized user in the discord server that is monitored, rapidly react and un-react to a post	Website does not behave erroneously	Website does not behave erroneously	Pass

Additional Issues:

Paul's Findings	What Postmarker Should Do
Paul reacted to a post with four emojis. Only one emoji was recorded on the website.	Postmarker should be able to handle storing multiple emojis on one post.
Paul sorted by a certain emoji. Other emoji reacted posts were listed on the website.	Postmarker should omit any emojis not selected for sorting
Paul attempted to react to "old" posts with emojis. They were not recorded.	Postmarker should collect posts from all dates posted, and not from a specific date onwards. If this is intended, a specified "start date" should be mentioned.
Paul used a slash command and the "sending command" animation continued to occur.	Postmarker should notify the user when the message is sent, or at least disable the "Sending Command" label once the command is sent. Maybe a Discord issue.

Adam's Findings	What Postmarker Should Do
Threads are not tracked by Postmarker.	Most likely a non-issue after speaking with DB/Engine. Discord bots have trouble with threads as far as we know. If possible, Postmarker could track threads in the future.
Channel filters don't seem to work.	Upon replication, this issue may have been rectified. Additional testing may be required.
Selecting "general" does not seem to work.	Upon replication, this issue may have been rectified. Additional testing may be required.
Sidebar should be a fixed width to avoid resizing issues.	Instead of "squishing" the sidebar, it should remain the same size upon resizing the

	window.
Timestamps are not tracked.	Date of when the tracked message was posted should be displayed.