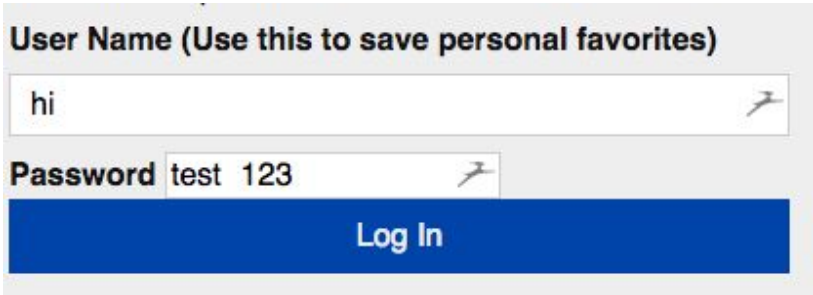# Black Box Testing

Each test case is numbered based on two values, format: 'X.Y'. X denotes the ID of the test case and Y denotes order of the test within that ID.
Example: 1.5 would be ID 1 and the fifth test case within it. Just 'X' means that all tests within the ID helped discover the defect.

Defect #	Description	Severity	Test case # / Description
1	When you click the star button to favorite an item, the web client makes a POST request to the /favorite endpoint on the API, which returns a 404. If the request is manually changed to hit /changeFavorite, the action succeeds.	Critical	12, 17

2	SSL is not implemented.
	`~ » curl https://localhost:8080/`
	`curl: (35) Server aborted the SSL handshake`
		Critical	NF3

3	When booting up the server, and entering an empty string (just pressing enter) at the password prompt, the server accepts the blank password	Important	NF4
4	When starting the server, entering a password with a tab character in it works (i.e. `test  123`), yet you can't log into the Web UI using that password: **User Name (Use this to save personal favorites)** `hi` **Password** `test  123` **Log In** Same goes for other special characters (\n, etc)	Important	NF5
5	When entering the password in the Web Cient, it should be 'safe from prying eyes' yet it is shown in plain text, not obfucated (i.e. you should just see •••••••••••• when typing)	Important	NF6
6	You can have more than the 5 specified maximum clients connecting to the server simultaneously	Workaround	NF9
7	Transcoding does not work if the full path of the server contains spaces in it, because the backend code does not properly escape them. WITH SPACES IN PATH:	Critical	19

	``
export.mp4
start converting:ffmpeg -i
/Users/nickysemenza/Dropbox/team22/Official Releases
(Buggy)/Linux/Server/uploads/export.mp4 -y
/Users/nickysemenza/Dropbox/team22/Official Releases
(Buggy)/Linux/Server/uploads_processed/export.webm
Processing: undefined% done
Processing: undefined% done
Processing: undefined% done
``` If you run the ffmpeg command in a shell, it returns: /Users/nickysemenza/Dropbox/team22/Official: No such file or directory WITHOUT SPACES: ```
export.mp4
start converting:ffmpeg -i
/Users/nickysemenza/Dropbox/team22/buggy/Linux/Server/uploa
ds/export.mp4 -y
/Users/nickysemenza/Dropbox/team22/buggy/Linux/Server/uploa
ds_processed/export.webm
Processing: 4.70279357791097% done
Processing: 4.70279357791097% done
Processing: 4.855729954428401% done
Processing: 6.3850937196027% done
Processing: 6.3850937196027% done
...
``		
8	In the Web Client, when you upload a file, the progress text goes all the way to 10000%	Workaround	19
9	In the Web Client, when an uploaded file is processing, it says Processing: NaN%	Important	19
10	You cannot play files on the web client that have spaces in their names	Critical	10,11
11	On OSX, system files such as .DS_Store that are autogenerated, show up in the media listing.	Workaround	Not covered by a test, it's just very noticeable in client
12	If you refresh the Web Client whilst logged in, the sign in modal briefly appears, then disappears	Workaround	Discovered during normal use.
13	On the Web Client, Images are shown along with audio, in the Audio section, and the Images section is blank	Important	7,8
14	On the Web client, clicking on an image results in a 404, since the url includes	Critical	8

	/audio instead of /image. Manually changing the URL results in the Image being properly displayed		
15	If you click [Download] on a file on the web client, it simply opens the file in the browser window (and plays it if it is an audio/video), no downloading happens	Important	10
16	Before you can successfully start the server, you need to install missing packages using npm, because it throws a bunch of errors that packages are missing. There is a node_modules folder bundled with the server, but it does not have everything that the server requires initially.	Critical	1.1, 1.2, 1.3, 1.4, 1.5
17	Opening in new tab doesn't add to history	Workaround	Right click and click open in new tab.
18	Images appear under audio section	Critical	Login and upload image
19	History is displayed in reverse order	Workaround	11
20	History is not reset when cleared, just hidden	Important	16
21	Trying to remove images duplicates certain files (refreshing removes duplicated files)	Important	Clicked remove on images under the audio section
22	Uploading supported files can create the message saying file type unsupported, even when successful.	important	Uploaded an unsupported type, then uploaded a supported file.
23	Can't remove files that are classified under the wrong media type. Example: image.jpg under the "Audio" section.	Important	Clicked the remove button next to a file in the wrong media section. Refresh the page. Look for the file.
26	Cannot open client.exe on Mac	Important	2.2
27	"Password" in the client app is capitalized incorrectly as "pASSWORD"	Workaround	Run the client application.
28	Running the start desktop commands in terminal with text and space following the command cause it to fail.	Workaround	2.7
29	If '/' is added in front of the program they still fail to run.	Workaround	2.8
30	Not all image formats, such as gifs, can be uploaded to the server	Critical	5.1
31	Removing a file does not remove the link without a manual refresh	important	7,8