

TestID	createAccount()	searchSong()
Purpose of Test	To test whether the system can handle login request or not	To test whether the database and the middleware are communicating correctly
Test Environment	HtmlUnit	HtmlUnit
Test Steps	Start nodeinterface.js in cmd, run the javascript loginTest through an IDE (you must input username and password as parameters)	Start nodeinterface.js in cmd, run the javascript loginTest through an IDE (the test should use data that has already been populated into the database)
Test Input	Username and password	N/A
Expected Result	Success	
Likely Problems/Bugs Revealed	Problems with the client computer communicating with the host. Errors in javascript coding such as users being able to login with incorrect passwords.	Problems with the database being able to populate a search list. Problems with tables interacting properly with the middleware.

Bug	Test That Uncovered Bug	Description of Bug	Action Taken
404 Error	createAccount()	The headless browser is not able to connect to receive feedback after sending form to database	Run the test on a client computer that has a confirmed connection to the database. Attempt to setup a dummy server.
ElementNotFoundError	searchSong()	The client computer is not able to find form ID's by name.	We will try leaving the form ID's blank for the time being to see if the client computer can consistently get values from them.