

Beta Testing Script

Below are a series of instructions that each of our beta testers needed to follow, as well as questions that needed to be answered. Whenever we say to type something, the thing we want you to type will be in quotes. You shouldn't include the quotes when typing into the application. Make sure to specify which step you have issues at (for example: 1, 5, 4c, 4di, 16f, 7, etc).

PATRON TESTING:

1. Log into the website. The link to it is: <https://suppliesite-20c1e0704260.herokuapp.com>. Click on the gray button that says "Browse as Anonymous User". Did it work?
2. You now should be redirected to a page with very few tabs, and said page should say "Browsing as Anonymous User" on the right side of the page above the search bar. If not, let us know what actually happened.
3. What are your initial thoughts about the page? Do you think that everything seems organized, or do you think the layout could be better? How could we improve the layout?
4. We would then try out the search bar on the page. Try typing out the following items:
 - a. Textbook: Should display every item with the word Textbook in it, along with any item on the list with a "textbook" tag
 - b. By: Should display every item that has the word "by" in the title
 - c. Book: Should display every item with either the word book, the book tag, or the textbook tag.
 - d. Chemistry: Should display every item with either the word Chemistry, or the tag Chemistry.
 - i. After you inspect this, go to the search bar and click the x mark on the right side of the search bar(within the search bar, not next to it). Make sure it clears the search bar
5. Notify us if there are any issues or concerns regarding the display of the items on the search. Are the tags looking good, are they looking into the items that would be
6. Click on the Required Materials section, it should redirect you to the Google login. If it doesn't, then let us know.
7. Click on the back arrow to go back to the anonymous page.
8. Now that you looked through the entire anonymous page, are there any additional comments, questions, concerns, etc.
9. Now, let's click on "Log In" on the top right hand corner. It should lead to the Google login page. It should ask you to choose an account. If it doesn't, then let us know.
10. You would now choose an account to log in as, and you should be asked about some permission information. You should then be redirected to a homepage that says "Patron Home Page" above the search bar. It should also display your email address on the right side, right above the search bar. If there is something else showing up, then try to log in again with a different google account if you have one.
11. Click on the Account button, there should be a dropdown with 2 buttons: "Profile" and "Logout".

12. Click on the Profile button, it should redirect you to a page where it should say your name/username, followed by Profile.
13. The profile page should be displaying your real name, your email address, and the day that you joined(i.e. today).
14. Under the Additional Information heading, there should be the text “No description provided. Add one?” with the Add one being in blue, indicating a link. Add one being a link should also be applied to “No interests provided. Add some?” and “No birthday provided. Add one?”.
15. Click on Add one right next to No description provided. It should redirect you to a page where you can add a description, interests, birthday, and profile picture.
16. Try running it so that your interests and your birthday are filled, but the description is left blank. Then click Save Changes
 - a. On your birthday, put 07/17/2004 in that parameter. Put your interests as cooking, video games, biology, chemistry, and AI.
 - b. When clicking Save changes, it should redirect you back to your Profile page and show your interests and your birthday, while your description should say “No description provided. Add one?”. You should be able to click either “Add one” or “Edit Profile Information” to get back to the page that adds additional information.
 - c. When at that page, all of the items should have been saved from the last time you clicked “Save Changes”. Now add “I am a major in Biology” in the description tab. Then click “Cancel”
 - d. When you click Cancel, it should redirect you back to the profile page and should NOT save the changes you made.
 - e. Click “Edit Profile Information” again and now delete everything in Interests and add “I am a major in Computer Engineering” (exclude quotes) into the description tab. Click save changes and it should say “Description: I am a major in Computer Engineering”. It should also say “No interests provided. Add some?”.
 - f. Click “Edit Profile Information” one more time, and add “Playing Poker” to the Interests category. Then click “Save Changes” and then it should not have a hyperlink saying to add anything, but you should still be able to change any of those descriptions using the “Edit Profile Information” button.
17. Now click Choose File on the Profile page and it should redirect you to your file explorer. If not, then let us know
 - a. Pick a random jpeg file you have on your computer to upload as your profile picture; if you don’t have one, then find a random jpeg on the internet to use by downloading it and then clicking Choose File again and find the jpeg to use as your profile picture. Does it work? Is it properly displaying your profile picture?
 - b. Pick a random png file you have on your computer to upload as your profile picture. Find a random png on the internet and download that to your file explorer. Click Choose File on the Profile page and then use the png file as your profile picture. Does it work? Is it properly displaying your profile picture?
18. Repeat step 17, but click Edit Profile Information and click Choose File there. Use a different png and jpeg file for this test.

19. Click on “Back to Homepage”, it should redirect you back to your homepage.
20. Click on Account, and then Profile again. Are the changes made saved?
21. Any issues with the UI of the Profile? Is the profile picture display not a good size? Is the formatting of the information organized? How long are the buttons taking to activate?
22. Click on “Back to Homepage”.
23. Click on the button “Collections” on the top bar. It should redirect you to a page that shows your collections (which will currently be blank) and will show collections made by others.
24. Click on the link that says Test1. It should redirect to a page that has the information about it and the items within that collection. That item should be textbook1.
25. Click on “Back to Collections” . It should be redirecting you back to the Collections page.
26. Click on “PrivateCollection”. It should be giving a message, saying that you don’t have access to it.
27. Click on “Back to Collections”. Now click on the Add New Collection button. It should give a pop up that will have you provide information about the collection.
28. Create a collection with a Title called “Interesting Books + *Random Number*”(For *Random Number*, type a number between 1 and 100). Give a description saying “Books I found interesting”. Select Quantum Physics, A Pocket Guide to Public Speaking, and Organic Chemistry and hold Ctrl or Command(For Windows and Mac respectively). Then click Save Collection.
29. It should now show up in Your Collections and Collections by Others. It should be displaying the Title of the collection and its description.
30. Click on the link for the Collection you just made. You should be able to see all of the items in that collection.
31. Click on the Edit Collection button. It should redirect you to a page made for making changes to the collection. Deselect Organic Chemistry and select Molecular Driving Forces and Chinese Proverbs. Change the description to be “Items that are interesting to me, I hope they get out of circulation?”. Change the title to “672Interesting Books + *Random Number*”. Then click Save Changes.
32. Is the information updated accordingly? Are you back to the page of the collection you edited? If yes, then click “Back to Collections”.
33. Create the following collections
 - a. Create another Collection, with the same title as the one you made before, same description, and should select the same items as the previous one but with one extra. Then click Save Changes. Tell us what happens here? Does it create a new one, override an old one, or cause an error?
 - b. Create another Collection that has a title of “Bob Ross” and then write a description. Do not select any of the items for the collection and submit. Are you able to access the collection? You should be able to do so.
 - c. Create another Collection that has all parts blank and click Submit. It shouldn’t allow you to create an item.
34. Click Back to Homepage, it should send you back to the home page. Then click back on Collections to see if it is saved.
35. Click on Required Materials. Does it lead to a page called “Required Materials” ?

36. Does the page display classes in horizontal order?
37. Click on any of the classes, do they give a description and what is required for the class?
38. Any comments on the layout of the Required Materials page? Comments on the layout of the class information?
39. Click on Marketplace, it should redirect you to a page with a list of all of the items
40. Do the items have their tags displayed, along with the lender and the status of the item?
41. Click on any of the items, does it display their status, their tags, their image, their location(if any), and description(if any).
42. Click on the button "Back to Marketplace", it should redirect you back to the marketplace.
43. Click on that same item again, but this time, when you reach the page of the item, click "Back to Home". Does this redirect you back to the home page?
44. What are your thoughts on the layout of the Marketplace?
45. Click "Borrowed Items" on the top. Did you get redirected to a page called Borrowed Items?
46. You should be seeing a list of borrowed_items (aka items that you borrowed). Right below, there should be a list of all available items that you can submit a request for to a librarian to borrow it. Select one of the items and then click Submit.
47. This should redirect you back to your home page. Click on borrowed items again. Does it display the item you selected? If yes, report that as an error.
48. Click on Back to Homepage. It should lead back to your homepage
49. Click on the Messaging button. Does it lead to a page called messaging?
50. There should be a received heading and a sent heading. In the sent heading, is there a message there saying that you requested to borrow your item?
51. Click on Back to Homepage. It should lead back to your homepage
52. What are your overall thoughts on the patron homepage?

LIBRARIAN TESTING:

53. Click on the Account button, and then click Logout. It should log you out and send you back to the login page that you first saw when you first clicked on the link. Did it do so?
54. Wait for one of the people proctoring this beta testing to change your account to a librarian account. Once they let you know that you became a librarian, click on the blue login page.
55. Did it lead to the Google Authentication page? If so, make sure you click on the same gmail account that you used before.
56. When you logged in, does it lead to a page called Librarian Home Page? If not, does it lead to a page called Patron Home Page? If it does, report that to us so we can fix that for you.
57. First want you to do the following: Create 4 new tags:
 - a. Create a tag from the following list(Ethics, Finance, Anatomy, Neuroscience, Electrical Engineering, Aerospace Engineering, Chemical Engineering, Biomedical Engineering, English, Religious Studies, Philosophy, Cognitive Science, Psychology, Material Science, Systems Engineering, Civil Engineering, Statistics, Data Science, History, Mathematics). Check to see if the tags already exist before creating, as you want this to be a completely

new tag. Does the tag get saved? Check by clicking Post Material and looking at the list of tags.

- b. Create a tag called: Chemistry. Does it give any special message or error?
 - c. Create another tag that is the same as a tag that already exists, but with different capitalization: for example(tExtBook). Does this produce a tag?
 - d. Create a tag with just nothing but spaces(click the space button only). Does this create a tag?
58. Now I want you to do the following: Create 4 new material using the post material
- a. One should have a long title (up to 200 characters), a status of Available, and a location that would be fitting for it. Click on the appropriate tags. Put any image up, then click Submit Material
 - b. Create a material post with no parameters filled out. What result does that give?
 - c. Create a material post with everything filled except for the title. Does it produce a material?
 - d. Create a material post that has the exact same information as another item that is already added
59. Click on Account, then click on Profile. Does it take you to your profile page? Is all the information you stored there while you were a patron account still there now? If not, then report this issue to the proctor for them to record.
60. Click on Edit Profile Information and see if changing any of the items there will save.
61. Go to each link on the top bar, and click on their back to homepage button to make sure that they are redirecting you to your proper home page, in this case the Librarian Homepage.
62. Go to Account and click on Settings. Did you reach a page called Librarian settings?
63. Go back to the home page and click on Required Materials. Did you reach the Required Materials page? Is there now a button that says "Add Class" on the page.
64. Create the following classes:
- a. Create a class for any random subject, the class should not be a repeat of something that already exists. Add an appropriate tag for it.
 - b. Try to click submit for a class that doesn't have the name or description filled out. Does this cause the submission to fail?
 - i. Try doing that but have the class name and description filled out, but don't select a tag. What happens here? Does it still show the class regardless?
 - c. Try to create a class with a description but not a title. What happens here?
 - d. Try creating a class without a description. What happens here?
65. When you are on the required materials page, click on any of the classes(it doesn't have to be one that you create). Try to change the required tags.
- a. Try adding a tag to it and save it. Did it properly add it alongside what other tags are there?
 - b. Delete one of the tags there and save. Did it properly save the item?
66. Go back to the home page and click on Collections.
67. Create a new collection, and check if you can make it private.

68. Go to one of the collections you created as a patron and try to change it from a public collection to a private collection.
69. Any suggestions on how we can improve the collections page?
70. Go back to the home page and go to Marketplace. Is there an "Add New Item" button at the bottom of the page? When you click on the "Add New Item", does it redirect you to an add item page.
71. Repeat the steps from step 56 but you use the Add New Item page. Make sure you aren't using the same titles as the ones you used for step 56. Also make sure to click the add item to save it.
72. Go back to the homepage and click on Borrowed items. Instead of the two lists of items that are borrowed, there is one list where the requests are coming from.
 - a. Click on one of the requests and say yes (by selecting one of them and then clicking the yes button). Then go to the messaging tab and see if the message of the acceptance of the request has been sent.
 - b. Click on another of the requests and say no. Then check in the messaging page to see if a denial message is sent.
 - c. In both cases the requests should be removed from the list.
73. Go back to the Home Page and go to the search to see if you can search up the items you added, and if you can search by their tags
74. Any thoughts on the functionality of the search bar?
75. Go to settings and go to logout.
76. Any final thoughts or concerns? Please let the proctor know.