OmegaNotes

COLLEGE NOTES MARKETPLACE

Omega Notes Testing Script (Functionality)

Updated: 12/12/2018

TO: Andrew Lang, CEO and Founder of Omega Notes
FROM: Maro Kim
DATE: 02/21/2018
SUBJECT: The Testing Script Instruction

Purpose:

The purpose of this memo is to provide an instruction about a testing script for Omega Notes website. Whenever the website is updated, there is a high chance that errors could occur, such as opening a correct link and Course Pack/e-Reader malfunctioning. To ensure error-free and better service to users, this document will provide different scripts for fronted section of the website with guidelines for a tester to follow and record any encountered problems for the future testers to use as a reference.

Instruction

The following information provides detail steps to perform Omega Notes website testing after any updates.

1. Each testing script will provide test title based on the different pages on Omega Notes website
2. Write down the 'Tester Name' and 'Testing Date' prior to testing. Please refer to Requirements Traceability Matrix (RTM) on Appendix. The RTM is subjected to change whenever anything new to the website is added in the future
3. Read through the 'Action' and 'Expected Result' columns
4. Follow each steps on the 'Action' column and compare the actual results with the 'Expected Result' provided
5. Write down the 'As expected' if the actual result is same as that of expected. If not, write down the actual result in detail for the future record
6. Write down either 'Pass' or 'Fail' on the 'Pass or Fail' column
7. On the 'Incident Report' column, write down 'N/A' if the result passed the test. If not, write down IR-0X, where 'X' is a number, to ensure that the future tester can refer to the Incident Report
8. Circle either 'Yes' or 'No' to answer the question provided

The following information provides detail steps on filing the Incident Report.

1. Fill in the associated Test ID
2. Write down reasons for the error or the test failure with brief descriptions
3. After the error is fixed, write down how it was fixed so that the future tester can use the report as a reference for the similar error
4. Write down either 'Yes' or 'No' after the website is re-tested
5. Please refer to Appendix for Incident Report Summary Example

Table of Contents

TEST ID:	TEST-01	ASSOCIATED REQS:	
TEST TITLE:	Log In/Create an Account	BROWSER/DEVICE:	
TESTER NAME:		TESTING DATE:	

STEP	ACTION	EXPECTED RESULT	ACTUAL RESULT	PASS OR FAIL	INCIDENT REPORT #
1	Type https://staging.omeganotes.com in address bar/navigation toolbar (staging) Or Type https://www.omeganotes.com in address bar/navigation toolbar (production)	The staging website will load Or The production website will load			
2	Click on 'Sign In' on the top right corner	A log in page with register feature will be visible			
3	Enter email address and password if an account is available	Successfully logged in			
4	Click 'Password Reset'	A new page loads where a user can type registered account email address			
5	Click 'Submit'	An email will be sent to the email provided and a log in page loads			

6	Click 'Cancel'	Password reset cancels and moves to log in page			
7	Click 'Submit'	Receive an email that allows password reset			
8	Click 'Register'	Registration page where a user can fill in his/her information			
9	Click 'Register'	Registration Complete & Home Page appears			
10	Click 'Cancel'	Registration cancels and a page moves to log in page			
11	Check an email that was used to create an account	An inbox should have received a welcome email from Omega Notes			

WERE THERE ANY FAILURES? **(circle one)**	YES NO

If there are any failures, the incident must be documented with a unique ID and the system must be fixed and retested.

TEST ID:	TEST-02	ASSOCIATED REQS:	
TEST TITLE:	Searching for Course Packs	BROWSER/DEVICE:	
TESTER NAME:		TESTING DATE:	

STEP	ACTION	EXPECTED RESULT	ACTUAL RESULT	PASS OR FAIL	INCIDENT REPORT #
1	Type subject, school, class, or professor in the search box of the home page	Search results appear with prices			
2	Click on 'Narrow Your Search'	A dropdown appears with six different boxes: Price, Number of Pages, Course Number, School, Subject, Print Type, and Professor			
3	Move a price slide bar to adjust price range	The result will adjust according to the price range			
4	Move a number of pages to adjust page number range	The result will adjust according to the page range			
5	Click on a check box/check boxes or the course name under 'Course Number'	Depending on the chosen course number, price, number of pages, school, subject, and print type will adjust			

6	Click on a school name under 'School'	Depending on the chosen school name, price, number of pages, course number, subject, and print type will adjust			
7	Click on a check box/check boxes or the subject name under 'Subject'	Depending on the chosen subject, price, number of pages, course number, school, and print type will adjust			
8	Click on a check box under 'Print Type'	Depending on the chosen print type, price, number of pages, course number, school, and subject will adjust			

WERE THERE ANY FAILURES? (circle one)	YES NO

If there are any failures, the incident must be documented with a unique ID and the system must be fixed and retested.

TEST ID:	TEST-03	ASSOCIATED REQS:	
TEST TITLE:	**Purchasing Course Pack**	BROWSER/DEVICE:	
TESTER NAME:		TESTING DATE:	

This test is a follow-up from TEST-02

STEP	ACTION	EXPECTED RESULT	ACTUAL RESULT	PASS OR FAIL	INCIDENT REPORT #
1	Click on Coursepack to purchase	A Coursepack information page appears with 'Table of Contents' and 'About This Coursepack'			
2	Click 'Add to Cart'	Shopping Cart page appears with the shopping cart information			
3	Click 'Continue Shopping'	Home page appears			
4	Click 'Update Shopping Cart'	Shopping Cart page refreshes			
5	Click 'Clear Shopping Cart'	All coursepacks in the shopping cart get removed and 'Your Cart is Empty' page appears			
6	Click 'Click here to shop for notes'	Home page appears			
7	Click 'Add Coupon Code'	A box appears below to apply coupon code and an 'Apply' button			

8	Click 'Proceed to Checkout'	Checkout page appears with billing and payment information and order review			
9	Choose a desired billing address	Chosen address will appear			
10	Click on the box and choose 'New Address'	List of personal information appears			
11	Add the new desired address, click 'Save in address book', and click continue	The list moves to 'Payment Information' with 'Paypal/Credit Card' selected			
12	Click 'Back'	The list moves back to 'Billing Information'			
13	Click 'Continue' on the payment information list	The list moves to 'Order Review'			
14	Click 'Term of Use'	A new tab opens and directs to 'Term of Use' page			
15	Click 'Privacy Policy'	A new tab opens and directs to 'Privacy Policy' page			
16	Click 'Acceptable Use'	A new tab opens and directs to 'Acceptable Use' page			
17	Click 'Edit Your Cart'	Shopping Cart page appears			

18	Click 'Place Order' without checking the box below 'Term of Use', 'Privacy Policy', and 'Acceptable Use'	A message appears on the top			
19	Check the box and click 'Place Order'	A payment page appears			
20	Check 'Your payment summary'	The total should be the same as the one from the 'Order Review'			
21	Click 'Pay with a credit or debit card'	A dropdown appears where a user fill in card and personal information			
22	Click a check box on the bottom of the dropdown	The box becomes checked			
23	Click 'Agree and Continue'	Payment completed			
24	Log in with a Paypal account	'Review your information' page appears			
25	Click 'Cancel'	Shopping cart becomes empty			
26	Click 'Pay'	Payment completed and webpage directs to the order confirmation page			
26	Click 'View Your Receipt'	The webpage directs to the dashboard page			
27	Click 'Coursepacks'	The webpage directs to 'My Coursepacks' page			

28	Choose the coursepack purchased and click 'View Contents'	The webpage directs to the coursepack contents page			
29	Click 'View Chapter'	The webpage directs to the textbook			
30	Check an email that was used to create an account	An inbox should have received an email from Omega Notes regarding purchase			

From this point, it will be an advance testing. Regular testers do not need to proceed. Advanced testing will marked ''*

*30	Go to step 24 and log in to a Paypal account	'Review your information' page becomes visible			
*31	Click 'Pay' and close the tab or the browser immediately	The payment should cancel and no transaction should go through with Paypal.			

WERE THERE ANY FAILURES? (circle one)	YES NO

If there are any failures, the incident must be documented with a unique ID and the system must be fixed and retested.

TEST ID:	TEST-04		ASSOCIATED REQS:	
TEST TITLE:	Viewing Course Pack/e-Reader		BROWSER/DEVICE:	
TESTER NAME:			TESTING DATE:	

STEP	ACTION	EXPECTED RESULT	ACTUAL RESULT	PASS OR FAIL	INCIDENT REPORT #
1	Place a mouse on an account icon on the top right corner of the home page	Drop down menu appears			
2	Click 'Coursepacks'	'My Coursepacks' page appears			
3	Click 'View Contents'	The Coursepack contents appears			
4	Click 'View Chapter'	Loading screen appears and then textbook. (if opening the coursepacks for the first time, a tutorial/onboarding will appear)			
5*	Ensure that the tutorial/onboarding has proper images and images are not broken	Correct images as well as written tutorial are provided as a step by step process			
6*	Click 'Next' to move on with the tutorial until the last page	The following step will show			

7*	Click 'Done'	The tutorial will close and will have an access to a textbook			
8	Click 'Create Note'	Drop down tools appear			
9	Click 'Point' and place the mouse on the textbook	The mouse changes to a read point			
10	Click anywhere on the textbook	A note appears on the right side with a name on the top and a blank space below			
11	Write anything on the blank space	Text appears in the space			
12	Click 'Create Note', 'Area', and place the mouse on the textbook	The mouse changes to a pen			
13	Click, hold, and drag the mouse to create an 'area'	A note appears on the right side with a name on the top and a blank space below. The 'area' will have red lines			
14	Write anything on the blank space	Text appears in the space			
15	Click 'Create Note' and then 'Text'	Four different color options appear on the right side			
16	Choose a color	Chosen color will have a check mark			

17	Place the mouse on the textbook; click, hold, drag the mouse over text	Text becomes highlighted in the color that were chosen and a note appears on the right side with a blank space below			
18	Write anything on the blank space	Text appears in the space			
19	Click 'Draw'	Four different color options appear below			
20	Choose a color	Chosen color will have a check mark			
21	Place the mouse on the textbook	The mouse changes to a pen			
22	Click, hold, and move the mouse on the textbook	A line will appear based on the mouse movement and the chosen color			
23	Click 'Highlight'	Four different color options appear below			
24	Choose a color	Chosen color will have a check mark			
25	Place the mouse on the text; click, hold, and drag the mouse over text	Texts become highlighted with the chosen color			
26	Click 'Strikeout' and move the mouse on the textbook	The mouse is on the textbook			
27	Click, hold, and drag the mouse over text	Creates red horizontal line over the text			

28	Click highlighted, strikeout, area, lines, or notes that were created using tools	Notes, strikeout, and highlighted text will become gray while area and lines will have four red dots on each corner			
29	Click 'Delete'	Selected feature get deleted			
30	Click 'Annotations'	Any features that were on the textbook will disappear			
31	Click 'Single Page'	The screen will display one page			
32	Click 'Two Pages'	The screen will display two pages			
33	Click 'Thumb View'	The screen will display multiple pages			
34	Click 'Fit Width' (Only applies with 'Single Page')	Increase in width of the textbook			
35	Click 'Fit Page'	The textbook size goes back to its original size			
36	Click 'Rotate'	The textbook rotates clockwise			
37	Move a slide bar to left or right	The textbook zooms out (left) and zooms in (right)			
38	Type in a number in a blank space and press 'enter'	The textbook will direct to the same page as in the blank space			

39	Exit the textbook by clicking a left pointing arrow next to a plus (+) icon on the top left corner	The webpage directs to the coursepack content page			
40	Click 'View Chapter'	The textbook will load and be on the page before exiting			
41	Click a left arrow (noted as 'Previous Page')	The page will go to the previous page			
42	Click a right arrow (noted as 'Next Page')	The page will go to the next page			
43	Click on a search box, type a desired word or term to look for, and press 'enter'	A pop-up will appear from the left side of the screen with the searched word or term as well as page numbers			
44	Click on any rows that is in the left pop-up	The textbook will be directed to the same page number as the one clicked and the searched word or term will be highlighted in blue			
45	Click 'Notebook' on the top right corner	A 'Notebook' page appears with saved notes (if notes were created beforehand) or an empty space			
46	Click 'CoursePacks'	'My Coursepacks' appears			

47	Click 'My Account'	'My Account' page appears (Dashboard)			
48	Click a plus icon (+) on the top left corner	A left-side pop-up appears, where users can create their own notes			
49	Click an arrow that is pointing left next to the plus icon	A page directs to a content page of an opened coursepack			
50	Click an arrow on the top right corner	A right-side pop-up appears with saved notes			
51	Click 'Refine Results'	A drop down search tools appear			
52	Click on a search box and typed a word or term	Notes with the word or term in the search box will only appear			
53	Click 'All' next to 'Type'	Dropdown option menu appears with four other different types of notes			
54	Click 'All' next to 'Status'	Dropdown option menu appears with three other different types of status			
55	Click 'All' next to 'Privacy'	Dropdown option menu appears with three other different types of privacy			
56	Click 'All' next to 'Tag'	Dropdown option menu appears with four other different types of tag			

57	Click 'All' next to 'Author', press 'delete/backspace', type author's name, and press 'enter'	A result will show depending on the author's name in the search box			
58	Click 'Type' under 'Order By'	Notes get arranged in an order from note, flashcard, and assistance.			
59	Click 'Privacy' under 'Order By'	Notes get arranged in an order from note, flashcard, and assistance but non-privacy one gets move to the very bottom			
60	Click 'Chapter' under 'Order By' (Disregard this step)	N/A			
61	Click 'Tag' under 'Order By' (Disregard this step)	N/A			
62	Click 'Date' under 'Order By'	Notes get arranged in an order from most recent to latest			

From this point, it will be an advance testing. Regular testers do not need to proceed. Advanced testing will marked ''*

*63	Press Ctrl + Shift + I or click right mouse button and choose 'Inspect' to open a new tab on the right side	'Inspect' page opens on the right side of a window			
*64	On the top of the 'Inspect' tab, choose and click 'Network'	'Network' tab will appear with an empty page			

*65	Refresh a course pack or open a course pack to see network activities	The network activities will begin to appear			
*66	Under 'Name' look for a word 'start'. This means that a timer has successfully started when the course pack was opened	'Start' is under the 'name' column			
*67	Move a mouse away from the course pack window or press alt + tab to change to different window	An activity name, '195' will be added.			
*68	Move a mouse on '195' to check if the timer has successfully stopped	Staging.omeganotes.com/ api/timer/stop/undefined/195 will be shown			

WERE THERE ANY FAILURES? (circle one)	YES NO

If there are any failures, the incident must be documented with a unique ID and the system must be fixed and retested.

TEST ID:	TEST-05	ASSOCIATED REQS:	
TEST TITLE:	Viewing and Creating a Notebook	BROWSER/DEVICE:	
TESTER NAME:		TESTING DATE:	

This test is a follow-up from TEST-04

STEP	ACTION	EXPECTED RESULT	ACTUAL RESULT	PASS OR FAIL	INCIDENT REPORT #
1	Click 'Plus (+)' icon on the top left corner while on a textbook page	A left-side pop-up appears, where users can create their own notes			
2	On the top, click 'Note' under 'Note Type'	Dropdown appears with two other different options: 'Flashcard' and 'Assistance'			
3	Click 'Public' under 'Privacy'	Dropdown appears with two other different options: 'Public' and 'Group'			
4	Click 'None' under 'Tags'	Dropdown appears with three other different options: 'To Review', 'I Need Help', and 'Important'			
5	Click a rectangular box next to 'Incognito'	The color changes from gray to green			
6	Click a box under 'Note Title: Optional'	Able to type in the box			

7	Click a box under 'Type your note'	Able to type in the box			
8	Click 'TOOLS' on the right side of 'Type your note'	A dropdown editing tool appears			
9	Click a box below 'Class' under 'File Under'	Able to type class name and number			
10	Click a box below 'Coursepack'	A dropdown appears, allowing users to choose a coursepack to save under			
11	Click a box below 'Section/Chapter'	A dropdown appears, allowing users to choose section/chapter to save under			
12	Click 'Save'	The note will save under the account's notebook			
13	Check an email that was used to create an account	An inbox should have received an email from Omega Notes regarding updated notes			

WERE THERE ANY FAILURES? (circle one)	YES NO

If there are any failures, the incident must be documented with a unique ID and the system must be fixed and retested.

TEST ID:	TEST-06	ASSOCIATED REQS:	
TEST TITLE:	Taking Quiz	BROWSER/DEVICE:	
TESTER NAME:		TESTING DATE:	

STEP	ACTION	EXPECTED RESULT	ACTUAL RESULT	PASS OR FAIL	INCIDENT REPORT #
1	Place a mouse on an icon next to 'Home' while textbook is opened	A dropdown menu appears			
2	Click on 'Coursepacks'	A webpage directs to 'My Coursepacks'			
3	Choose a coursepack and click 'View Contents'	The webpage directs to the chosen courpack contents			
4	Choose a quiz to take and click 'Take Quiz'	The webpage directs to a page before proceeding to taking the quiz			
5	Click 'Back'	The webpage directs to the coursepack contents			
6	Click 'Start Quiz'	The quiz begins and the first question appears			
7	Choose an answer and click 'Next'	The next question appears			
8	Click 'Previous'	The previous questions appears			

9	Repeat step 7 until the last question and click 'Grade Quiz'	The webpage directs to the result page with the final score and each question's result			
10	Click each question	A dropdown will appear with both a question and a user's answer			
11	Click 'Complete Quiz'	The webpage directs to the coursepack contents page			
12	Click 'Try Again'	The webpage directs to the quiz start page			
13	Check the number of attempts left	The number of attempts should decrease by one upon quiz completion			

WERE THERE ANY FAILURES? **(circle one)**	YES NO

If there are any failures, the incident must be documented with a unique ID and the system must be fixed and retested.

INCIDENT REPORT TEMPLATE

IR #	ASSOCIATED TEST	REASON FOR INCIDENT	HOW WAS IT FIXED	RE-TESTED SUCCESSFULLY?
IR-01				
IR-02				
IR-03				
IR-04				
IR-05				
IR-06				
IR-07				

Appendix

Requirements Traceability Matrix

Req. ID	Requirement Statement	Test Script ID	Incident Report ID	Status
FR-01				
FR-02				
FR-03				
FR-04				
FR-05				
NFR-01				
NFR-02				
NFR-03				
NFR-04				
NFR-05				

Incident Report Example

IR #	ASSOCIATED TEST	REASON FOR INCIDENT	HOW WAS IT FIXED	RE-TESTED SUCCESSFULLY?
IR-XX	**TEST-XX**	User Error [add brief description] System Error [add brief description]	[brief description of fix]	[Yes or No, if No provide reason why]