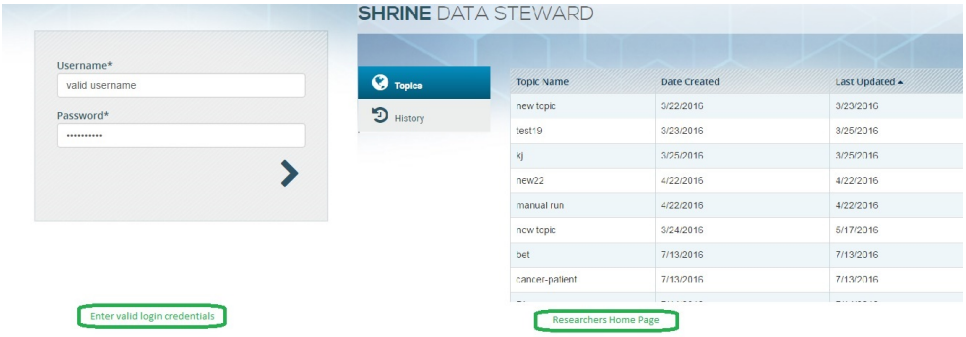
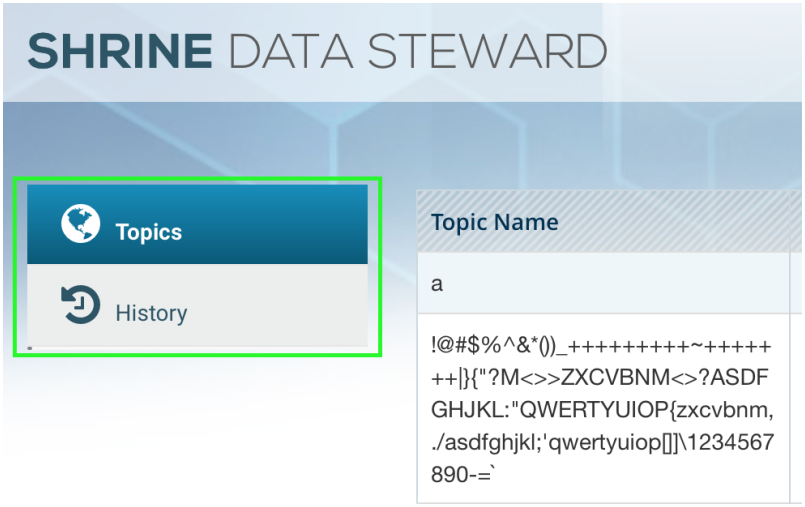
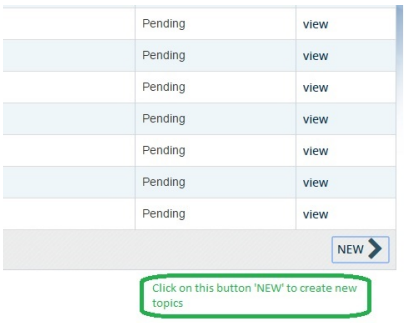
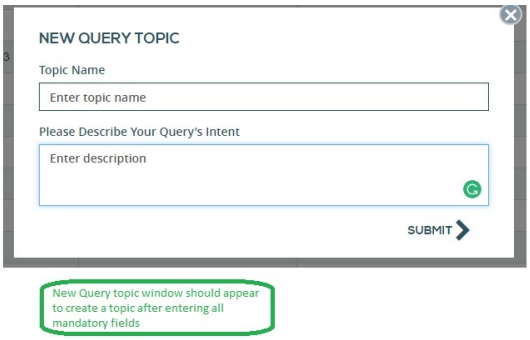
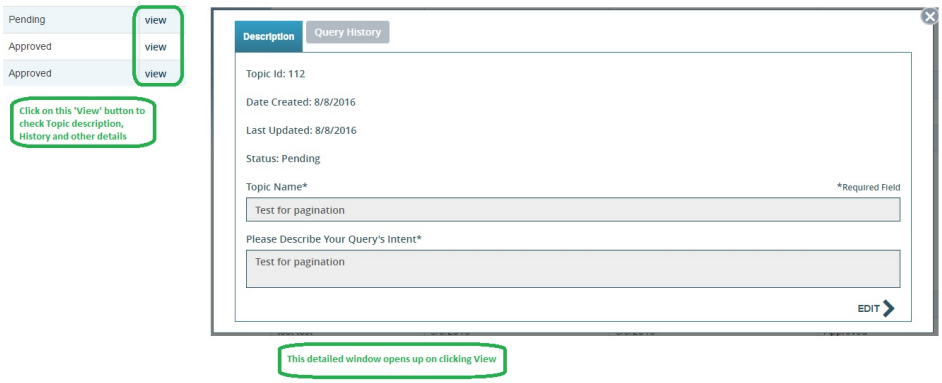
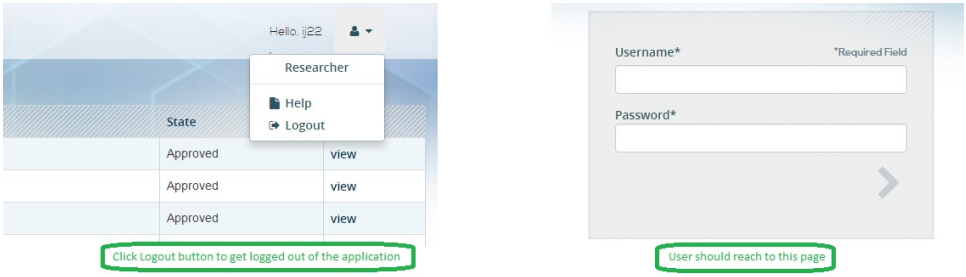
Shrine Installation Verification Test

Application - **Researcher**

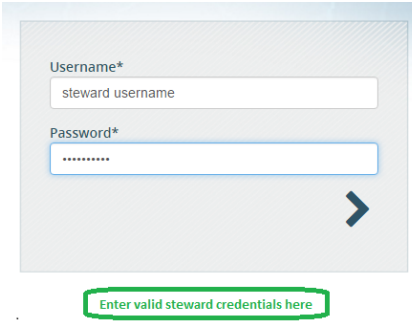
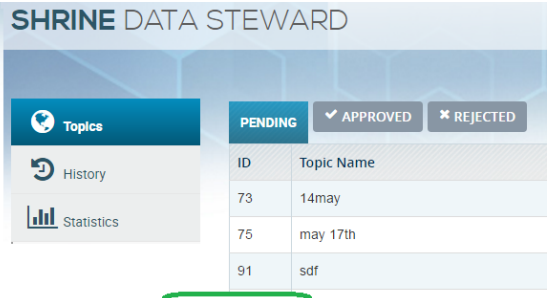
#	Test case	Expected Result	Notes
1.	Verify that user is able to log in the DSA-Researcher application after entering valid credentials		• URL should launch properly • Error is not expected after entering valid credentials

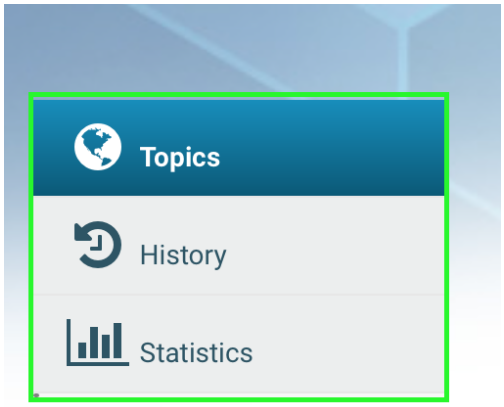
2.	Verify that Topic and History sections are available on the left side of the page		• Topics page should also be the landing page after logging in. User can switch to 'History' tab by clicking it • Topics created by currently logged in user should appear on this page

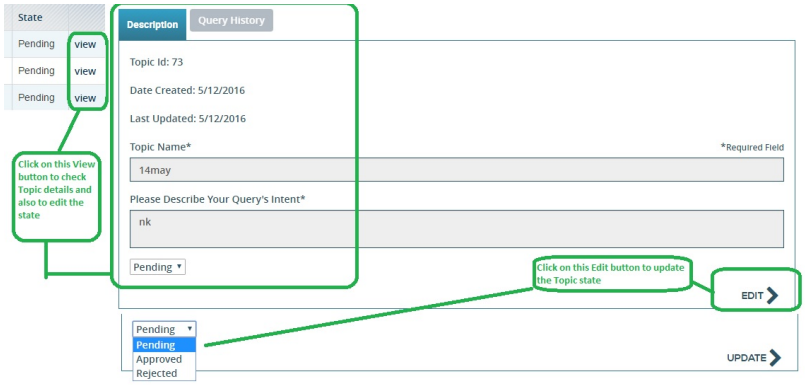
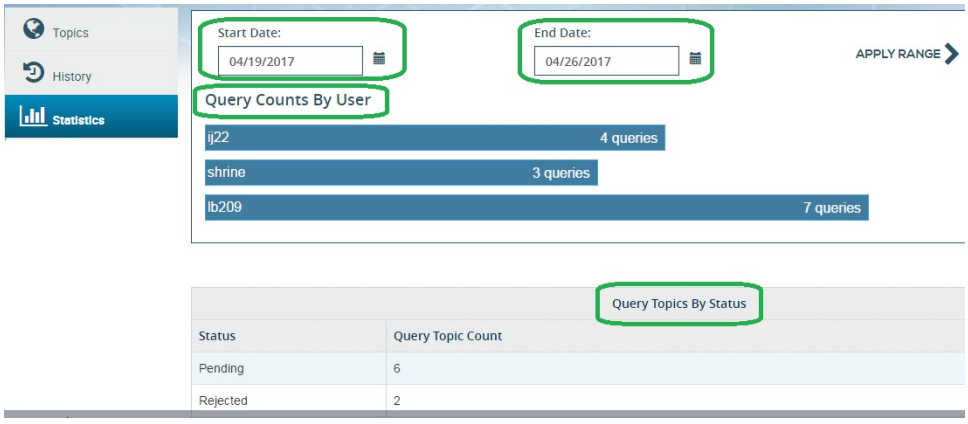
3.	Under Topics tab: Verify that user is able to create a new topic after clicking 'New' button available at the bottom right corner of the page and entering required information	 	• New Button should always be clickable. • Topic Name and Query Description-both are mandatory fields, so Submit button should not get enabled without filling them

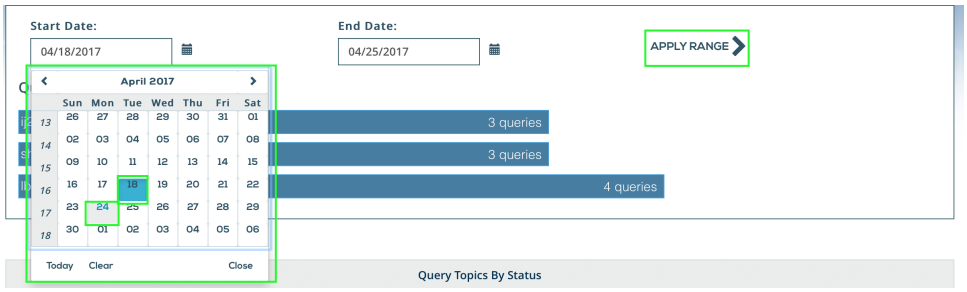
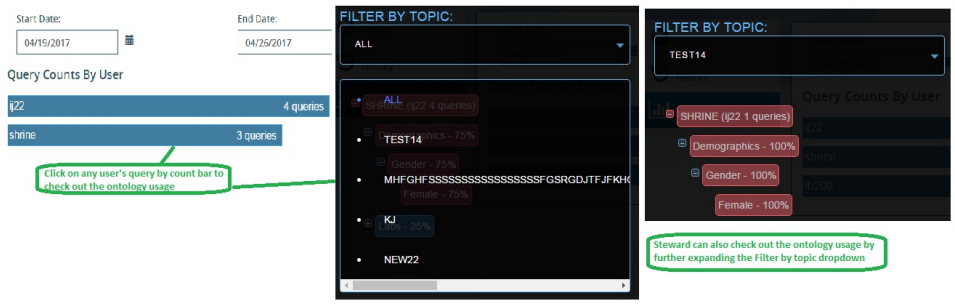
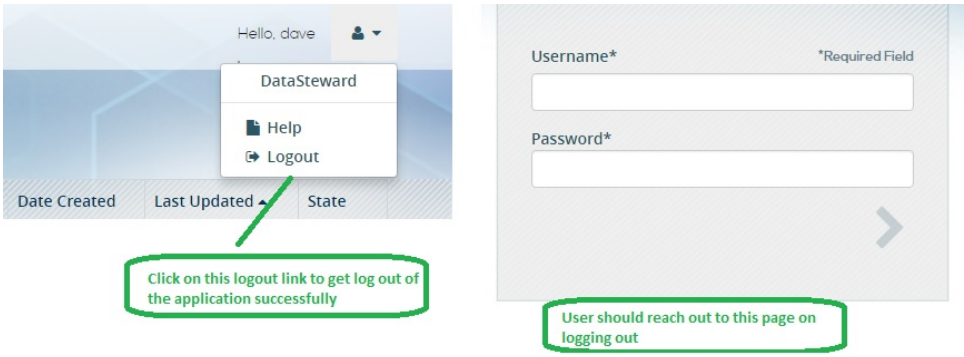
4.	Under Topics tab: Verify that user is able to view the Topic details like state, ID, Date created/updated etc. and also edit the topic(only possible in Pending state) by clicking the 'View' button available next to status column		• View button should be available for all the Topic states i.e. Pending, Approved and Rejected • User should only be able to Edit the Topic details for pending state topics
5.	Verify that User is able to log out successfully by clicking the Logout button available under User information dropdown appearing at the top right corner		• Logout functionality should work properly and take user back to Login page

Application - Steward

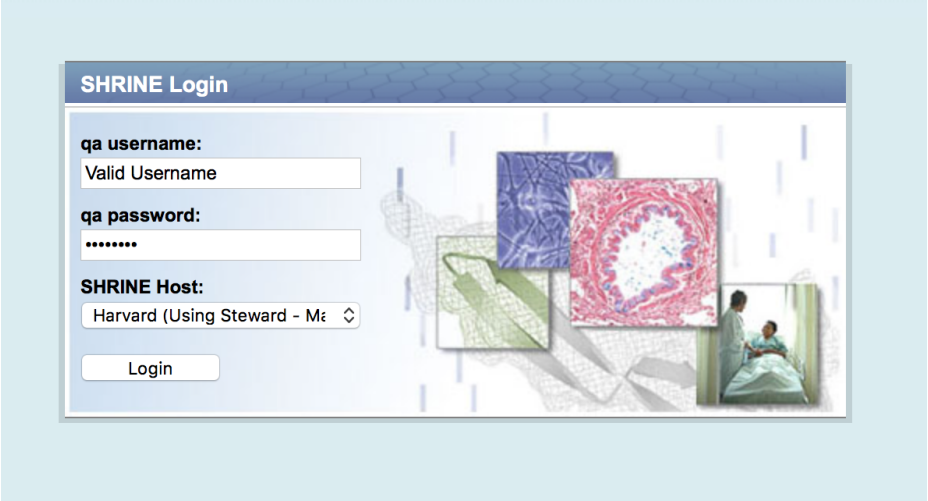
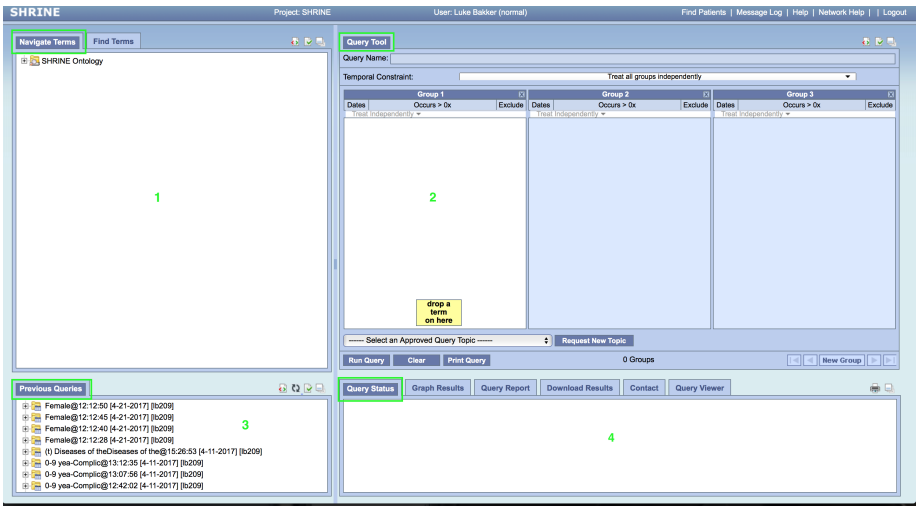
#	Test case	Expected Result
1.	Verify that user is able to log in the DSA-Steward application after entering valid credentials	 Enter valid steward credentials here  Steward's Home page

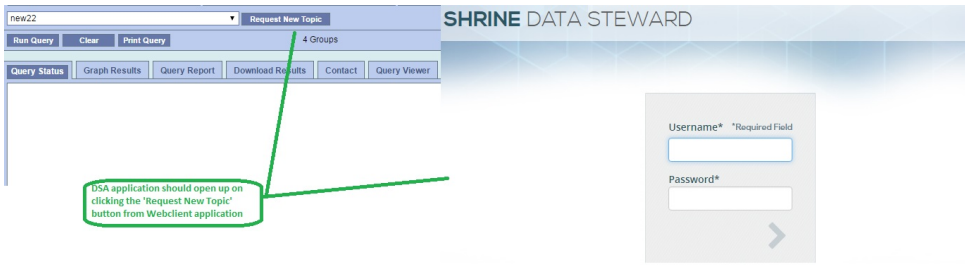
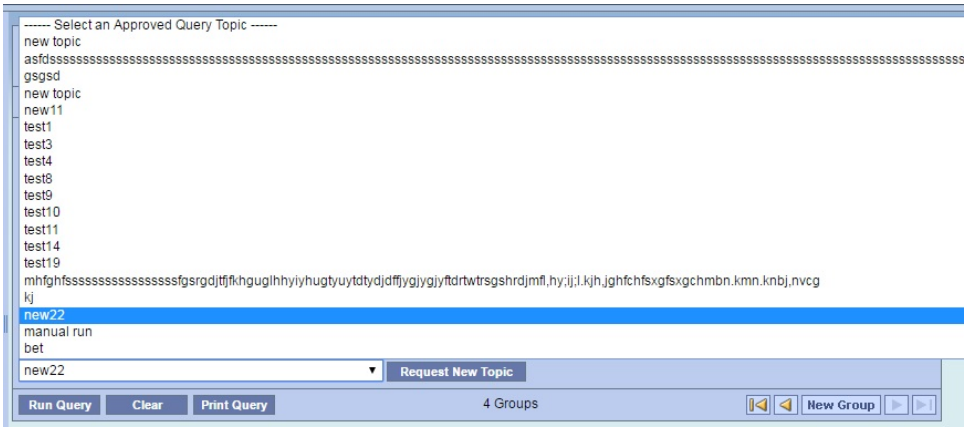
2.	Verify that Topic, History and Statistics sections are available on the left side of the page	
3.	Under Topics tab: Verify that all 3 types of topics are available under their specific tab	

4.	Under Topics tab: Verify that Steward is able to view the Topic details like state, ID, Date created /updated etc. by clicking the View button. Also, Steward can Edit the current state of the Topic after clicking the 'Edit' button and selecting the desired state from the dropdown (Pending, Approved, Rejected)	
5.	Under Statistic tab: Verify that Steward can check out the Query count by User and Query Topics by Status data available for last 7 days by default	

6.	Under Statistic tab: Verify that Steward can also filter the Query count by User and Query Topics by Status data after applying the Start and End Date Range	
7.	Under Statistic tab: Verify that Steward can also visualize any researcher's ontology usage by checking out the Query digest window and further filter it by topic	
8.	Verify that User is able to log out successfully by clicking the Logout button available under User information dropdown appearing at the top right	

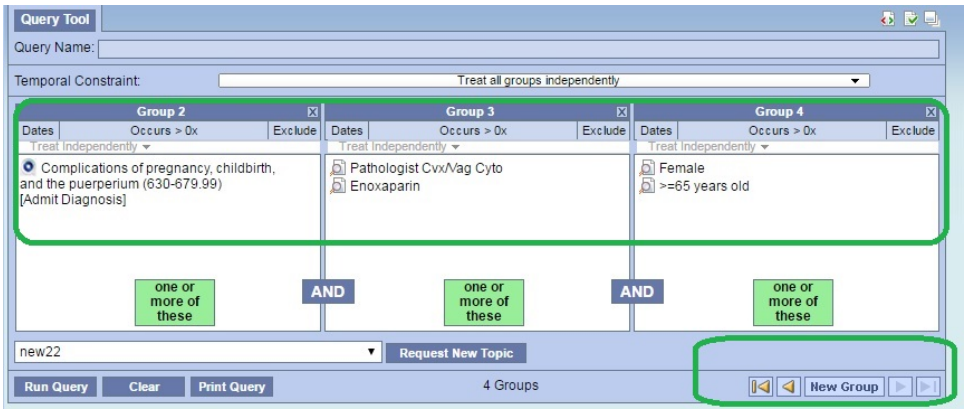
Application - Webclient

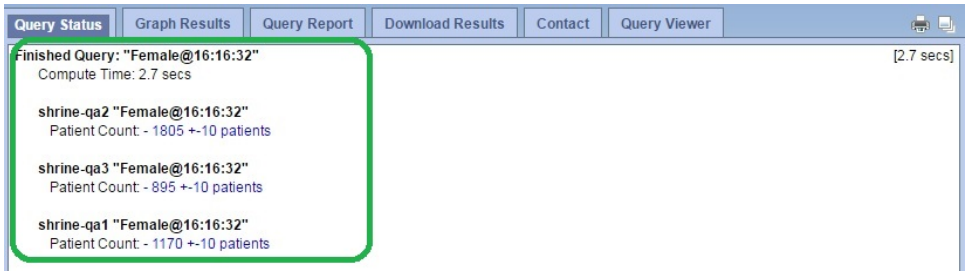
#	Test case	Expected Result
1.	Verify that user is able to log in the Web client application after entering valid credentials	
2.	Verify that below mentioned 4 major sections are appearing on webclient landing page 1. Navigate/Find Terms 2. Query Tools 3. Previous Queries 4. Query Status	

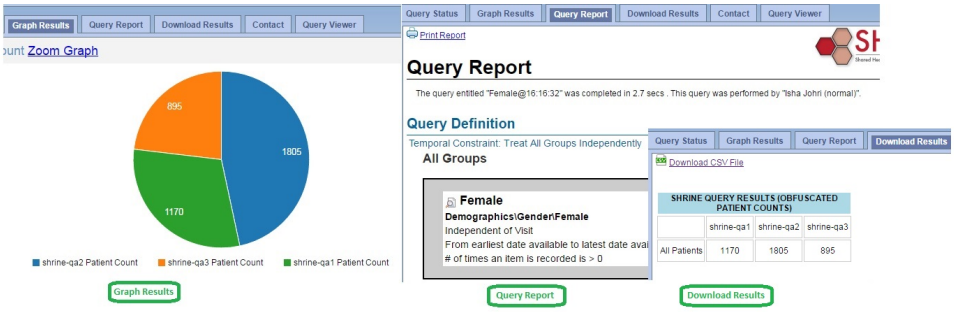
3.	Under Query tool section: Verify that user can request a new topic by clicking the 'Request New Topic' button availabl e under Query tool section DSA Applicat ion should open up and user should be able to create a topic success fully	
4.	Under Query tool section: Verify that a drop down consisti ng all Approv ed topics are appeari ng	
5.		

Under Navigate/Find terms: Verify that user is able to run following set of queries successfully

- Query in each data element (demographics, dx, etc)
- Query terms that are folders, leaf nodes, modifiers
- Run date limited query for dx term
- Run multi panel query



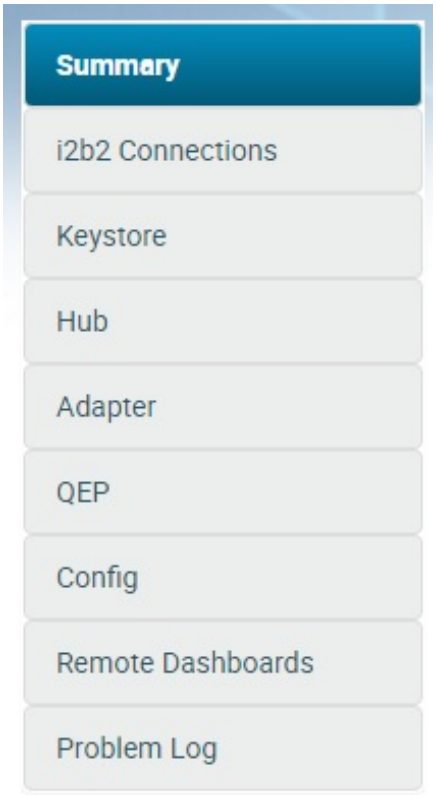
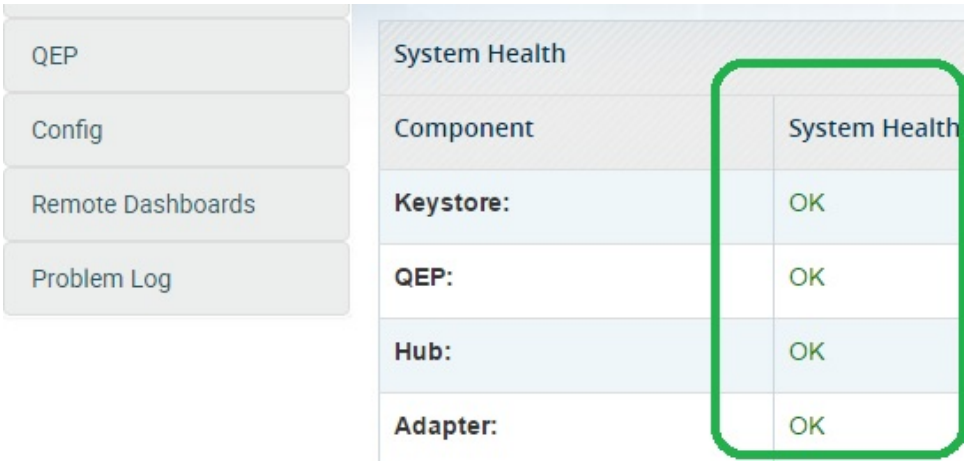
	• Run multipanel query with excluded term • Multiple terms in 1 panel • Multi-event query	
6.	Under Quey status: Verify that User is able to see the running query status under Query Status tab	

7.	Under Quey status: Verify that User can also visualize /download the query status in different formats by clicking the following tabs • Graph Results • Query Report • Download Results	

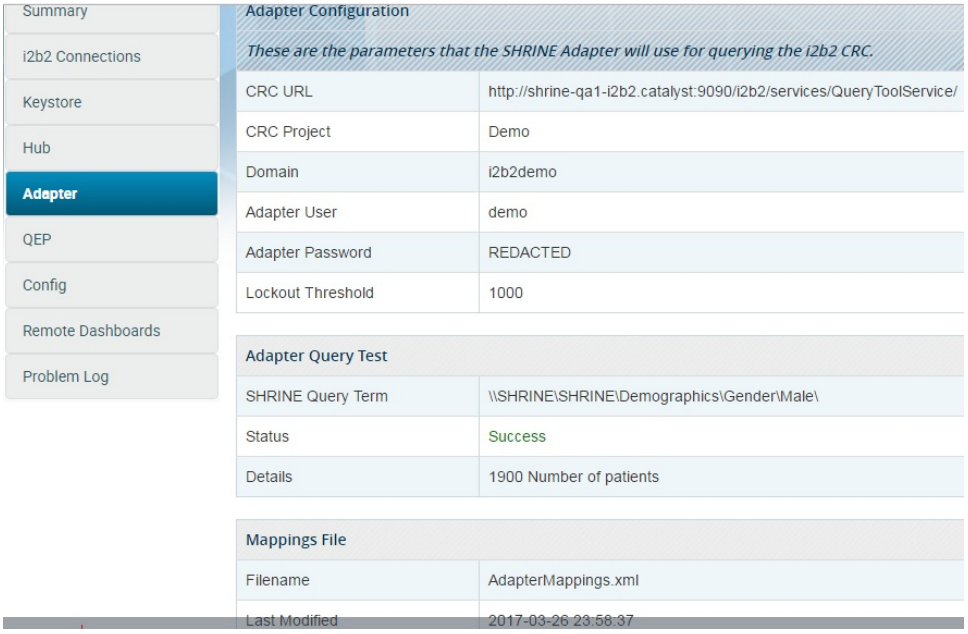
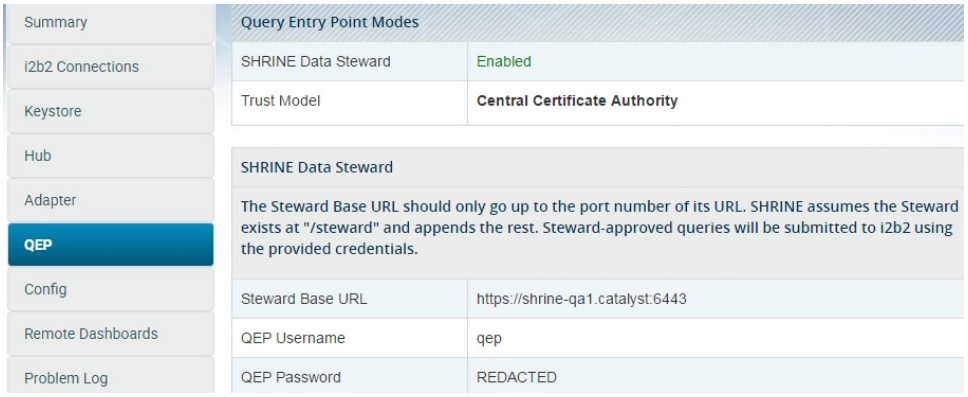
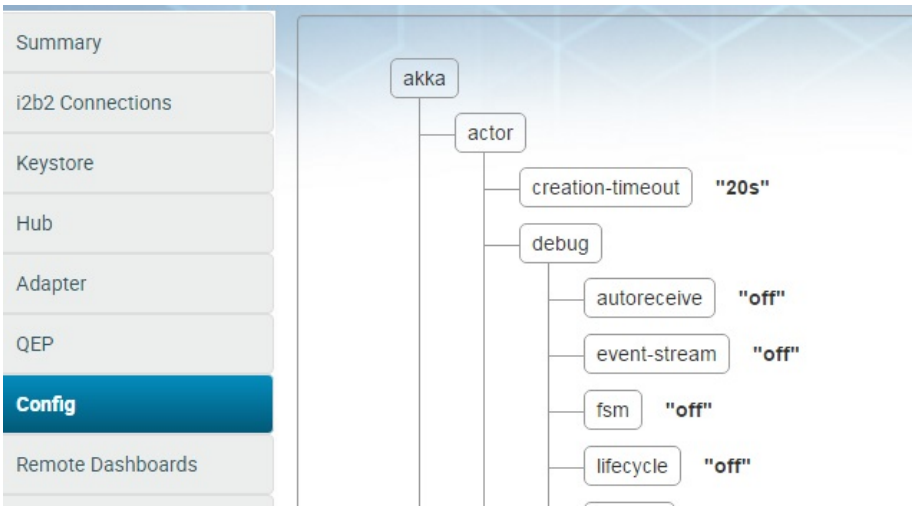
8.	Verify that User is able to log out success fully by clicking the Logout button availabl e on the top right corner of the applicat ion	

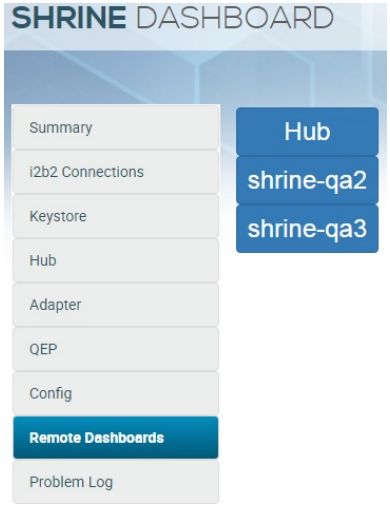
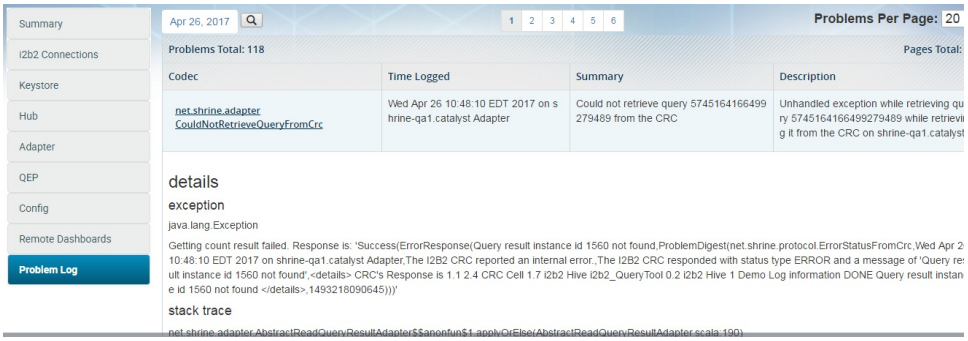
Application - **Admin Dashboard**

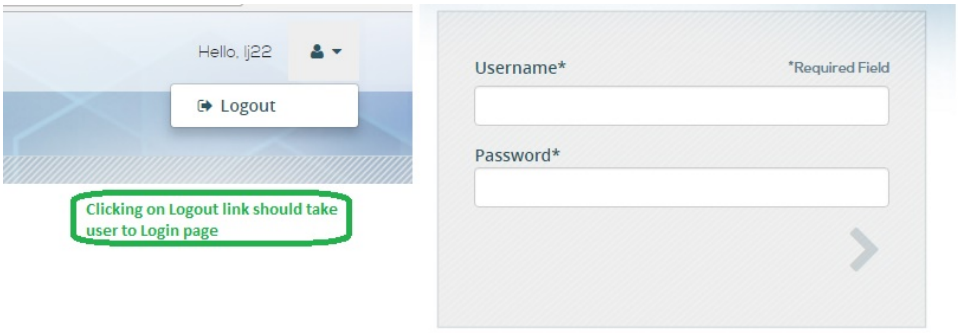
#	Test case	Expected Result	Notes
1.	Verify that user is able to log in the Web client application after entering valid credentials		• URL should launch properly • Error is not expected after entering valid credentials

2.	Verify that following tabs are available in the left section of the page 1. Summary 2. i2b2 Connections 3. Keystore 4. Hub 5. Adapter 6. QEP 7. Config 8. Remote Dashboard 9. Problem Log		• All these 9 tabs should be available on Hub node
3.	Under Summary tab: Verify that current SHRINE version along with the built-in Time/Date is available under Version info section		• Correct version info should be available under Summary
4.	Under Summary tab: Verify that system health for all the component looks good		• Errors are not expected

5.	Under i2b2 Connections: Verify that correct i2b2 End-point URL'S and Hive credentials are appearing		• Incorrect information is not expected here
6.	Under Keystore tab: Verify that Keystore page is showing all information correctly and errors are not appearing		• Correct information is expected on Keystore page
7.	Under Hub Node: Verify that correct downstream node information is available on Hub page		• Correct downstream node information is expected here

8.	Under Adapter Node: Verify that correct adapter configuration, Query test, and mapping files are available on this page		• Correct adapter information is expected here
9.	Under QEP tab: Verify that SHRINE data steward is in enabled state and its correct information is available on this page		• Correct QEP information is expected here
10.	Under config tab: Verify that correct config file information in the form of tree structure is available on this page		• Correct config file information is expected here

11.	Under Remote Dashboard: Verify that an admin is able to navigate to hub and other downstream nodes through this available Remote Dashboard functionality		• Going back and forth to hub and other downstream nodes should be smooth
12.	Under Problem log: Verify that admin can check all the problem logs plus its summary on this Problem log page		• All the problem logs and its detail are expected to appear on this page • Verify that a wiki page opens up corresponding to the error on clicking the codec link

13.	Verify that User is able to log out successfully by clicking the Logout button available on the top right corner of the application		• Logout functionality should work properly and take user back to Login page