# **Shrine Installation Verification Test**

## Application - Researcher

#	Test case		Expec	ted Result			Notes
1.	Verify that user is able to log in the DSA-Researcher application after entering valid credentials	Username* vaid username Password* 	SHRINE DA	TA STEWARD	Date Created 0/22/2010 0/23/2016 0/22/2016 0/22/2016 0/22/2016 0/22/2016 0/22/2016 0/13/2016 0/13/2016 0/13/2016 0/13/2016 0/13/2016	Last Updared - 1/23/2316 3/25/2316 3/25/2316 4/22/2316 4/22/2316 5/17/2316 7/19/2316 7/19/2316	<ul> <li>UR         L             sho             uld             lau             nch             pro             per             ly      </li> <li>Err             or             is             not             exp             ect             ed             aft             er             ent             er             dr</li></ul>



3.	Under Topics tab: Verify	Pending	view		
	that user is able to create a	Pending	view	NEW QUERY TOPIC	• Ne
	new topic after clicking	Pending	view 3	Topic Name	W But
	bottom right corner of the	Pending	view	Enter topic name	ton
	page and entering required	Pending	view	Please Describe Your Query's Intent	sho
	mormation	Pending	view	Enter description	alw
		Pending	view	e	ays
		Pending	view		be
			NEW >	SUBMIT	kab
		Click on this button 'NEW' to	create new		le. • To
		topics		New Query topic window should appear to create a topic after entering all	pic
				mandatory fields	Na
					an
					d
					ery
					De
					scri
					n-
					bot
					are
					ma
					ato
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					ds.
					so
					Su bmi
					t
					but
					sho
					uld
					not aet
					en
					abl
					wit
					ho
					filli
					ng
					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	<form></form>	<ul> <li>Vie w but ton sho uld be ava ilab le for all the To pict stat es i.e. Pe ndi ng, Ap proved an d Rej edt onl y be abl e to Edi t the To pict detts for pendi ng stat e topi cs</li> </ul>
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	Helo. J22       Image: Constraint of the application         State       Help         Image: Help       Image:	<ul> <li>Lo go ut fun ctio nali ty sho uld wor k pro per ly an d tak e use r bac k to Lo gin pa ge</li> </ul>

#### Application - Steward

#	Test case	Expected Result
1.	Verify that user is able to log in	Username* steward username
	DSA- Stewar d applicat ion after entering valid credenti	Password*     Image: Constraint of the second
	ais	

2.	Verify that Topic, History and Statistic s section				Topics					
s are availabl e on the left side of the page History Lill Statistics										
3.	Under Topics	PENDIN	G APPROVED	* REJECTED		Only Pending	state Topics shou	ıld appear		
	<u>tab</u> : Verifv	ID	Topic Name				Username	Date Created	Last Updated 🔺	State
	that all 3 types	73	14may				nn80	5/12/2016	5/12/2016	Pending
	of topics are availabl e under their specific tab									

4.	Under Topics tab: Ver ify that Stewar d is able to view the Topic details like state, ID, Date created /update d etc. by clicking the View button.	State       Description       Query listory         Pending       Vew       Topic ld: 7.3         Date Created: 5/12/2016       Las Updated: 5/12/2016         Topic dealls and also to edition       *Required field         14may       Pending         Pictor to this fait button to update       Topic state         Image: Control of the control of t	
	Also, Stewar d can Edit the current state of the Topic after clicking the 'Edit' button and selectin g the desired state from the dropdo wn (Pendin g, Approv ed, Rejecte d)		
5.	Under Statistic tab: Verify that Stewar d can check out the Query count by User and Query Topics by Status data availabl e for last 7 days by default	In the start bare:   In the	



# Application - Webclient

#	Test case	Expected Result
1.	Verify that user is able to log in the Web client applicat ion after entering valid credenti als	SHRINE Login     qa username:   Valid Username   qa password:     SHRINE Host: Harvard (Using Steward - Mt 2) Login
2.	Verify that below mention ed 4 major section s are appeari ng on webclie nt landing page 1. Navigat e/Find Terms 2. Query Tools 3. Previou s Queries 4. Query Status	SHENCE     Page: Ballow     Data (Land Share (Control)     Topological (Land Share (Control)       Image: Control (Land Share (Control)     Image: Control (Land Share (Control)     Image: Control (Land Share (Control)       1     2

3.	<u>Under</u> Query	new22  Request New Topic SHRINE DATA STEWARD	
	tool section:	Run Query         Clear         Print Query         4 Groups           Otherry Strilling         Grands Results         Query Report         Down Viewer	
	Verify that		
	user can	Username* "Required Field	
	request a new	Password*	
	topic	clicking the "Request New Topic" button from Webclient application	
	clicking		
	the 'Reques		
	t New Topic'		
	button		
	e		
	Query		
	tool section		
	DSA		
	Applicat		
	should		
	up and		
	should		
	be able to		
	create a topic		
	success		
4.	Under		
	Query tool		
	section:	new topic	
	that a	gsgsd new topic	20
	down	est1	
	consisti ng all	test3 test4	
	Approv ed	tests test9	
	topics are	test11 test14	
	appeari	test19 mhfghfsssssssssssssssgsrgdjtfjfkhguglhhyiyhugtyuytdtydjdffjygjygjyftdrtwtrsgshrdjmfl,hy;ij:l.kjh.jghfchfsxgfsxgchmbn.kmn.knbj.nvcg	
		kj new22	
		bet	
		Run Query Clear Print Query 4 Groups	
5.			





	<ul> <li>R un m ult ip an el qu er y wi th ex cl ud ed term</li> <li>M ult ip e ter m s in 1 pael</li> <li>M ult ip e</li> </ul>	
0.	Under Quey status: Verify that User is able to see the running query status under Query Status tab	Outery Status       Graph Results       Query Report       Contact       Query Viewer       R       R         Finished Query: "Finale@16:16:32"       Contact       Query Viewer       R



8. Verify that User is able to log out success fully by clicking the Logout button available e on the top right corner of the applicat ion Cicking this Logout link shouldtake you to the	
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## Application - Admin Dashboard

#	Test case	Expected Result						
1.	Verify that user is able to log in the Web client application after entering valid credentials	Username* valid username Password* 	SHRINE DAS	Version Info This site is running SHRINE 1.23.2.4-SNAPSHOT built on 2017-04 This site is currently using SHRINE ontology version UNKNOWN Based on concept term: \\SHRINE\SHRINE\ONTOLOGYVERSION This site is currently using AdapterMappings.xml for mappings, I	<ul> <li>UR L sho uld lau nch por ly</li> <li>Err or is not exp ect ed aft er ert er et aft er et aft er et aft ly vali d cre de ng vali d cre de ntia ls     </li> </ul>			

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		Summaryi2b2 ConnectionsKeystoreHubAdapterQEPConfigRemote DashboardsProblem Log			Al the se 9 tab s sho uld be ava ilab le on Hu b no de
3.	Under Summary tab: Verify that current SHRINE version along with the built- in Time/Date is available under Version info section	Summary i2b2 Connections Keystore	Summary         Version Info           i2b2 Connections         This site is running SHRINE 1.23.2.4-SNAPSHOT built on 2017-04-25 15:03:56           Keystore         This site is currently using SHRINE ontology version UNKNOWN Based on concept term: \\SHRINE\SHRINE\ONTOLOGYVERSION			
4.	Under Summary tab: Verify that system health for all the component looks good	QEP Config Remote Dashboards Problem Log	System Health Component Keystore: QEP: Hub: Adapter:		System Health OK OK OK OK	• Err ors are not exp ect ed

5.	Under i2b2 Connections: Verify that correct i2b2 End- point URL'S and Hive credentials are appearing	Summary	1282 Endpoint URLs				<ul> <li>Inc orr ect</li> </ul>	
		I2b2 Connections	These are the URLs that SHRINE will use to interact with i2b2.					
		Keystore		Cell U		Irt		info
		Hub	PM	PM		http://shrine-qa1-i2b2.catalyst:9090/i2b2/services/PMService/getServices		atio
			CR	с	http://s	http://shrine-qa1-i2b2.catalyst:9090/i2b2/services/QueryToolService/		is not
		Adapter	ON	NT http://shrine-qa1-i2b2.catalyst:9090/i2b2/services/OntologyService/		http://shrine-qa1-i2b2.catalyst:9090/i2b2/services/OntologyService/		exp
		QEP	100			ect ed here		
		Config	IZB.	2 nive credentials				
		Remote Dashboards	SHE	1282 Domain 12b2demo				
		Problem Log		1282 Domain		I2D2UEIN0		
			CRC Project		demo Demo SHDINE			
6	Lindor Koystoro tab: Varify	-			SHRIN			
0.	Under Reystore tab: Verify that Keystore page is showing all information correctly and errors are not appearing	Summary	Keystore File			• Cor		
		i2b2 Connections	This is the keystore SHRINE will use to sign and trust queries.		use to sign and trust queries.	t		
		Keystore Hub		File			/opt/shrine/shrine.keystore	info rm atio n is
				Password			REDACTED	
		Adapter		Query Signing Certificate			exp ect ed on Ke	
		QEP		This is the certificate that this SHRINE server will use for signing queries.				
		Config		Alias			shrine-qa1-signing	yst ore
		Remote Dashboards	ote Dashboards		Owner		C=US, CN=shrine-qa1.catalyst, L=Boston, O=Har	ge
		Problem Log		Issuer			C=US, CN=shrine-qa-ca, L=Boston, O=Harvard M	
							0000 04 40 47:07:50	
7.	Under Hub Node: Verify that correct downstream node information is available on Hub page	Summary		Downstream Nodes				• Cor
		i2b2 Connections	These are the sites that this SHRINE hub will broadcast queries to				t	
		Keystore		Site UR		URL		wn
		Hub		shrine-qa2		https://shrine-qa2.catalyst:6443/shrine/rest/adapter/requests		ea
				shrine-qa3		https://shrine-qa3.catalyst:6443/shrine/rest/adapter/requests		no
		Adapter		self n		not applicable		info
								atio n is exp ect ed here

that	it correct adapter						
	that correct adapter configuration, Query test, and mapping files are available on this page	i2b2 Connections	These are the parameters that the SHRINE Adapter will use for querying the i2b2 CRC.				
and avai		Keystore	CRC URL	http://shrine-qa1-i2b2.catalyst:9090/i2b2/services/QueryToolService/	t ad		
		Hub	CRC Project	Demo			
			Domain	i2b2demo	info rm atio n is exp ect ed		
		Adapter	Adapter User	demo			
		QEP	Adapter Password	REDACTED			
		Config	Lockout Threshold	1000			
		Remote Dashboards					
		Problem Log	Adapter Query Test				
			SHRINE Query Term	\\SHRINE\SHRINE\Demographics\Gender\Male\			
			Status	Success			
			Details	1900 Number of patients			
			Mappings File				
			Filename	AdapterMappings.xml			
		1	Last Modified	2017-03-26 23:58:37			
9. <u>Und</u>	<u>Under QEP tab</u> : Verify that SHRINE data steward is in enabled state and its correct information is available on this page	Summary	Query Entry Point Modes	• 0==			
ena		i2b2 Connections	SHRINE Data Steward	Enabled	t QE P		
avai		Keystore	Trust Model	Central Certificate Authority			
		Hub	SHRINE Data Steward				
		Adapter The Steward Base URL should only go up to the port number of its URL. SHRINE assumes the Steward					
		QEP	exists at "/steward" and appen the provided credentials.	ds the rest. Steward-approved queries will be submitted to i2b2 using	is exp		
		Config	Steward Base URL	https://shrine-qa1.catalyst:6443			
		Remote Dashboards	QEP Username	qep			
		Problem Log	QEP Password	REDACTED			
10. Und corr info tree on t	der config tab: Verify that rrect config file ormation in the form of e structure is available this page	Summary i2b2 Connections Keystore Hub Adapter QEP Config Remote Dashboards	s	actor creation-timeout "20s" debug autoreceive "off" event-stream "off" fsm "off" lifecycle "off"	<ul> <li>Cor rec t con fig file info rm atio n is exp ect ed here</li> </ul>		

11.	Under Remote Dashboard: Verify that an admin is able to navigate to hub and other downstream nodes through this available Remote Dashboard functionality		SHRI Summary 12b2 Conn Keystore Hub Adapter QEP Config Remote D Problem	NE DASHBOA nections shi shi Dashboards Log	ARD Hub rine-qa2 rine-qa3		<ul> <li>Goi ng bac k an d fort h to hu b an d oth er do wn str ea m no des sho uld be sm ooth</li> </ul>
12.	Under Problem log: Verify that admin can check all the problem logs plus its summary on this Problem log page	Summary     Apr 26, 20       12b2 Connections     Codec       Hub     Codec       Adapter     Could Not       QEP     Cefting on       Problem Log     Ut instance       et shine     stack the	17 Q Total: 118 RetrieveQueryFromCrc in bxception unt result failed. Response is: "Succ 2017 on shrine at, catalyst Ad- el d 1560 not found:detailsCRC inot found:detailsCRC inot found:details; 149321160964 Ce adapter AbstractReadOueryResult	1     2       Time Logged       Wed Apr 26 10 48 10 EDT 2017 on s hime-qat.catalyst Adapter	4       6         Summary       Could not retrieve query 5735164166499         273469 from the CRC       273469 from the CRC         e Id 1560 not found ProblemDigestinet shrints       1error. The I282 CRC responded with status         Hive I2b2_QueryTool 0.2 I2b2 Hive 1 Demoit       2         etReadQueryResultAdapter scala 190)       2	Problems Per Page: 20 Pages total: Description Unhandled exception while retrieving of \$74516146459279489 while retrieving of the CRC on shrine-qa1 catalyst per protocol ErrorStatusFromCrc, Wed Apr 2 type ERROR and a message of 'Query result instan	<ul> <li>All the proble m log s and d its dett ail are expected to ap pe ar othis pa ge</li> <li>Ver ify tha t a wik i pa ge op ensup cor res po ndi ng to the err or on clic kin g the cod ec link</li> </ul>

