			List of tests for the Octopus									
Testerello				Expected								
TestcaseID Client-GUI tests	Purpose	Requirements	Test steps	result	Result	Comment						
Olicin Gor tools			Start application 2. Click on tab "Upload"									
	To test whether it's possible	Reg-Front 131	Click on the button called "Create swarm" Fill in the following information: " 5. Go to tab "Overview" 6. Check in list of files if the swarm has been added	See the		Fill in necessary						
Test_101	To test whether it's possible to create swarms in the GUI	I. Req-Front_132	the swarm has been added	the list of files.		information						
			Start application 2. Click on tab "Download" 3. Find file in list of files 4. Click on file 5. Click on download file 6. Click on table 5. Click on									
	To test whether it's possible		on file 5. Click on download file 6. Click on "Overview" 7. Find file in list and see if it's downloading 8. Check download location	Check if file is								
Test_102	To test whether it's possible to download a swarm	Req-Front_130	when finished	downloaded to If the file exists								
			Start application 2. Click on tab "Search" Fill in the name of the file 4. Press button "Search"	in any active clients the file								
Test_103	To test if you can search for files in the GUI	Req-Front_133	3. Fill in the name of the file 4. Press button "Search"	should show up in a list	'							
Test_104	Testing to upload swarm through GUI	Req-Front_134	Start application 2. Click on tab "Upload" 3.									
_			Start application 2. Find the file in the list Press delete swarm	File should								
Test_105	Testing to delete a swarm from the GUI	Req-Front_135	3. Press delete swarm	the list								
Test_106	Testing if you can set a swarm as dark in the GUI	Req-Front_136	Start application 2.									
Test_107	Testing if you can progress of uploads	Req-Front_137	Start application 2. Click on tab "Overview" 3. Click on file 4. Click on subtat "Speed"	b								
168(_107		req-i ioni_137	1 Start application 2 Click on tab									
Test_108	Testing if you can see progress of downloads	Req-Front_137	"Overview" 3. Click on file 4. Click on subtate "Speed"	D								
Tool 100	Test if you can see an estimate of how long is left of downloads	of Bee Front 100	Start application 2. Click on tab Changing 2. Click on exhibit ""									
Test_109	rest ii you can see ali ir		"Overview" 3. Click on subtab ""									
Test_110	addresses which the swarm can be downloaded from	Req-Front_139										
	Test if you can see IP addresses of the connected peers											
	peers Test if you can redownload	Req-Front_140										
Test_112 Client-Backend	Test if you can redownload file in case a file digest fails	Req-Front_141										
tests												
Test_201			Start Bootstrap server 2. Unit test that calls on Client start function	No exceptions								
	Test if you get the 3 connecting peers IPs from Bootstrap when the peer is starting											
Test_202	Bootstrap when the peer is starting	Req-Back_103	Test_201 2.Store information and count ips in string that Bootstrap sends back									
	Test if you get the published	i		Return list of published								
Test_203	swarms when the client is started	Req_back_104	Test_201 2. Call on function getSwarms	swarms as JSON object								
Test_204	Test if you get the blacklist from Bootstrap	Req_back_105	Test _201	JSON respons whit banned IPs	3							
						Create string list with ips that						
						mocks blocked ips. Create a						
						string that is inside that list and see if it						
				True if ip is in		passes the check						
Test_205	Test communcation with a banned IP-address	Req_back_106		list. False if ip is not in list	8	blacklisted ip function						
						Test vality time of ip. Call on function that						
	Charle validity time of inc on	Don book 107		True if ip older than 3 minutes.		function that test if timestamp is longer than 3 minutes ago						
Test_206	Check validity time of ips on bootstrap server	Req_back_107		False if younge	r	minutes ago						
Test_209	Check that the peer synced with NTP	Req_back_111										
				Got come		Test_203, Change						
	Test if a peer updates its information from Bootstrap			Get same inofrmation that sent to		Change information on bootstrap server and call on sync						
Test_210	information from Bootstrap every 3 minute	•		bootstrap		function						
Test_211	Test if a peer connects to th secondary bootstrap in case the default one fauls.	Reg back 113	Test_201 but now the ordinary bootstrap is down.	Get information from bootstrap								
	Tact if a poor chute down if					If client has no data and tried to						
Test_212	doesn't have the proper data.	Reg back 114				connect. Print out it to user						
Test 212	Test if a peer communicates with the other peers.	Ren hack 115	Write a hello med to the seers									
Test_213	Test if a peer gets new IPs t	to	Write a hello msg to the peers. Write a hello msg to the peers. Get three exceptions. Retrive three new ip from									
Test_214	connect to in case connection to the first ones	D	exceptions. Retrive tthree new ip from bootstrap. Check that the client has 6 ip which are not all the same	New ips from bootstrap								
Teet 215	Test if a peer can connect to 4 different peers.	Den back 117		00000								
Bootstrap-Backen	d uniereni peers.	rxeq_back_11/										
tests	Test if the Bootstrap servers	3										
Test_301	time is synced with NTP	Req_back_111			-	Test _206 need						
						to pass. Remove string						
T1.00-	Test if a peer whose validity time has expired gets removed from the bootstrap	Burner 155		The list should not contain removed ip		older than 3 minutes from list						
Test_302	removed from the bootstrap	Req_back_109		removed ip		of strings Create list of						
						swarms whit ips						
	Test if a swarm without any peers is shown in the			List should only contain swarms		and whitout Loop the list and find the ones that is						
Test_303	peers is shown in the bootstrap server. Test if the data between	Req_back_110		contain swarms with ip		ones that is whitout ip						
	bootstrap servers is synchronizing every 3											
Test_304	minutes.	Req_back_118										