

computation tab test cases

test case id	Test scenario	test case	precondition	test data	test step	expected result	actual result	fail/pass
1	verify create computation	User should be able to create new computation successfully	privileged user	name, valid data set and solution	1. select the computation type: Monitoring 2. enter a name, a valid data set and a solution 3. click START in the actions panel	- the Monitoring computation is successfully done - computation and result is stored on the database - log title is labelled with selected computation type - no warning shown in the client and in the computation log		
2					1. select the computation type: Level 2. enter a name, a valid data set and a solution 3. click START in the actions panel	- the Level computation is successfully done - computation and result is stored on the database - log title is labelled with selected computation type - no warning shown in the client and in the computation log		
3					1. select the computation type: Matching 2. enter a name, a valid data set and a solution 3. click START in the actions panel	- the Matching computation is successfully done - computation and result is stored on the database - log title is labelled with selected computation type - no warning shown in the client and in the computation log		
4					1. select the computation type: Design 2. enter a name, a valid data set and a solution 3. click START in the actions panel	- the Design computation is successfully done - computation and result is stored on the database - log title is labelled with selected computation type - no warning shown in the client and in the computation log		
5					1. select the computation type: Simulation 2. enter a name, a valid data set and a solution 3. click START in the actions panel	- the Simulation computation is successfully done - computation and result is stored on the database - log title is labelled with selected computation type - no warning shown in the client and in the computation log		
6	verify computation fail warning	warning and detailed error message should be shown after a computation fails	privileged user	name, invalid data set, solution	1. select the computation type: Monitoring 2. enter a name, an invalid data set, and a solution 3. click START in the actions panel	- computation fails - a simple warning is shown in the client - a detailed error message can be found in the computation log		
7					1. select the computation type: Level 2. enter a name, an invalid data set, and a solution 3. click Start in the actions panel	- computation fails - a simple warning is shown in the client - a detailed error message can be found in the computation log		
8					1. select the computation type: Matching, 2. enter a name, an invalid data set, and a solution 3. click START in the actions panel	- computation fails - a simple warning is shown in the client - a detailed error message can be found in the computation log		
9					1. select the computation type: Design 2. enter a name, an invalid data set, and a solution 3. click Start in the actions panel	- computation fails - a simple warning is shown in the client - a detailed error message can be found in the computation log		
10					1. select the computation type: Simulation 2. enter a name, an invalid data set, and a solution 3. click START in the actions panel	- computation fails - a simple warning is shown in the client - a detailed error message can be found in the computation log		
11	verify restart	Restarting client or server should have no impact on the existing computations	user successfully created a computation		1. close the client or server 2. restart client or server	the already created computation is not changed		
12	verify delete computation	computation and result should remain until they are manually deleted	computations are created, privileged user		1. choose one computation 2. click the delete button in the actions panel	the computation and its result is deleted from database		
13	verify set date and export	result should be exported at the end date	type is selected		1. enter a name, a valid or invalid dataset and a solution 2. set a start and end date for the computation 3. activate export result	an .xml result is exported at the end date		
14	verify action availability	not available actions must be disabled	computation in preparation		1. select a type 2. enter a name, data set, solution	- start button is available; - stop, share, delete are disabled		
15			computation in preparation		1. select a type 2. enter a name, data set, solution 3. click start button 4. see the computation is running	- start and delete buttons are disabled - share and stop are available		
16			computation is running		1. click share button 2. share the running computation with another user 3. click stop button 4. computation is stopped 5. click share button to share the stopped computation with another user	- stop button disabled - share, delete, start are available		
17			computation is stopped		1. click start button 2. the stopped computation is running	- start and delete buttons are disabled. - stop and share are available.		
18					1. select a type 2. enter a name, data set, solution 3. click start button 4. wait until the computation finished	- share, delete and start buttons are available. - stop button is disabled.		
19	verify computation info check	for each finished or stopped computation which belongs to or has been shared with a user, the user can look at the used data set and used solution, show the computation log	1. the computation is finished or stopped 2. the computation belongs to or has been shared with the user		1. click data set 2. click solution 3. click log	data set, solution and log are shown		
20	verify filter panel	filter by creation date	computations were created on different dates	xxxx, yyyy	1. enter creation date from xxxx (prior) to yyyy (later) 2. click update button	computations created between the given dates (from xxxx to yyyy) are shown		
21				yyyy, xxxx	1. enter creation date from yyyy (later) to xxxx (prior) 2. click update button	warning, invalide date		
22		filter by name	computations with the name abc is already created	abc	1. enter in the name field: abc 2. click update button	computation named abc is shown		
23			there is no computation with the name xyz	xyz	1. enter in the name field: xyz 2. click update button	show no result		
24		filter by used data set	computations with a used data set were created	a used data set	1. select a data set 2. click update button	computations with the used data set is shown		
25		filter by owned computations	own computations are created		1. select “own” 2. click update button	owned computations are shown		
26		filter by shared computations	shared computations are created		1. select “share” 2. click update button	computations which are shared with the user are shown		
27		filter by computation type	computations with different types are created		1. select “monitoring” 2. click update button	the monitoring computations are shown		
28					1. select level 2. click update button	the level computations are shown		
29					1. select matching 2. click update button	the matching computations are shown		
30					1. select design 2. click update button	the design computations are shown		
31					1. select simulation 2. click update button	the simulation computations are shown		
32					1. select randomly 2 or more types 2. click update button	the computations of the selected types are shown		
33		filter by combinations	different computations are created	valid creation date, used data set	1. enter valid creation date 2. select a used data set 3. click update button	computations with the selected data set which created between the given dates are shown		
34				valid creation date, type	1. enter valid creation date 2. select one or more types 3. click update button	the computation types which created between the given date are shown.		
35				owned or shared, type	1. select “own”/ “share” 2. select one or more types 3. click update button	owned/ shared computations with the selected types are shown		
36				given randomly two or more combination of the filter			
37	verify administrator role	Administrator should be able to set privilege for a user to determine, whether the user can see or create and manage computation of other users			1. Administrator set for a user role to be able to see or create computations and manage computations of other users.	the user is able to see or create computations and manage computations of other users.		
38					1. Administrator set for a user role to be unable to see or create computations and manage computations of other users.	the user is unable to see or create computations and manage computations of other users.		