

Trusted List Navigation: Test Report

1 SYSTEM TEST CASES

We have decided to make test cases only for consistent operations like selection of countries, providers, service types and status and also retrieval of the list of countries and service types. In this way actions like: switching from a view to another or clicking on a button and checking the related action, are taken for granted.

ID #1	View the country list
Summary	See the list of the european countries
Pre-Condition	The user is in the home page
Post-Condition	The list of the countries is displayed in a new view
Test Scripts	The user clicks on the button "See the list of EU countries"
Execution Variables	None
Execution Records	The list of the european countries is displayed

ID #2	Minimum requirement to continue the query
Summary	During a query the user must do at least one selection
Pre-Condition	The user is performing a query
Post-Condition	The query stays in the same selection page
Test Scripts	Start a query and get in any of the four selection pages
Execution Variables	The user does not select any checkbox
Execution Records	The program displays an error alert with an explanation

ID #3	View the service types list
Summary	The program displays the list of the service types
Pre-Condition	The user is in the home page
Post-Condition	The list of the service type is displayed in a new view
Test Scripts	The user clicks on the button "See the list of the trust-service types"
Execution Variables	None
Execution Records	The list of the trust-service types is displayed

ID #4	Select countries during a query
Summary	Select one or more countries during a query
Pre-Condition	The user has stated the query
Post-Condition	If at least one country is selected, the view changes in the "Select providers" one and shows only the acceptable providers
Test Scripts	Select one or more checkboxes and click the "Next" button
Execution Variables	The user selects the country "Ireland" form the list
Execution Records	All (and only) the irish providers are listed in the provider selection page (Adobe Systems Software Ireland Ltd., Post.trust ltd, trust pro QSTP ltd)

ID #5	Select providers during a query
Summary	The user has to select one or more providers during a query
Pre-Condition	The "Select countries during a query" test case has already been performed
Post-Condition	If at least one provider has been selected, the view switches to the "Select service types" one and shows only the acceptable service types
Test Scripts	The user selects one or more providers by clicking on its checkbox and then on the "Next" button
Execution Variables	The user selects "Adobe System Software Ireland Ltd." from the list
Execution Records	The view shows all the possible Service Types

ID #6	Select service types during a query
Summary	The user has to select one or more providers during a query
Pre-condition	The "Select countries during a query", "Select providers during a query" and test cases have already been performed
Post-Condition	If at least one service type has been selected, the view switches to the "Select status" one and shows only the acceptable service statuses
Test Scripts	The user selects one or more service types by clicking on its checkbox and then on the "Next" button
Execution Variables	The user selects "Qualified time stamp" from the list
Execution Records	The view shows all the possible service status

ID #7	Select service status and check the query results
Summary	The user has to select one or more service types during a query
Pre-Condition	The "Select countries during a query", "Select providers during a query" and "Select service types during a query" test cases have already been performed
Post-Condition	If at least one status has been selected, the view switches to the "Query Results" one, the last of the query
Test Scripts	The user selects one or more statuses by clicking on its checkbox and then on the "Next" button
Execution Variables	The user selects "granted", one of the possible statuses of a service, from the list
Execution Records	The view shows the query results made of the acceptable services. In this case, with this query, we have only one result: "Adobe Qualified Time Stamp CA"

2 UNIT TEST CASES

Unit test cases have been run using Junit testing framework. The system passed successfully all unit tests, and the **report** can be found [here](#).

It is important to note that unit tests were implemented only for business logic classes and methods that have high or quite high logic complexity. In fact, only the classes in the model package have unit tests associated. An exception is made for Trusted List Façade that uses only other classes tested methods with no other implemented logic.