Tests

ID: FT1

Name: Default view
Input: User opens SDQV in browser
Output: By default visualization, user is shown service group „BB Data Warehouse" with its aggregate charts. Aggregate charts have to contain following characteristics:

- Data Profile
- Accuracy to Source
- Completeness
- Consistency
- Format Conformance

ID: FT2

Name: Drop-down menu of default view
Precondition: User has SDQV default view opened
Input: User opens service groups drop-down menu of default views upper-left corner
Output: User is given following options to choose between:

- Regulatory Reporting
- Performance Management
- BB Data Warehouse
- Risk Management

ID: FT3

Name: Drop-down menu of default view: after choosing one of the four service groups
Precondition: User has SDQV default view opened
Input: User picks one of four service groups
Output: According to user's choice, component drop-down menu is shown. User can pick components of service relevant to the service group user chose in the first option

ID: FT3.1

Name: Drop-down menu of default view: components shown after choosing first of the four service groups
Precondition: User has SDQV default view opened

Input: User picks first given choice „Regulatory Reporting" from the drop-down menu of service group names
Output: After choosing „Regulatory Reporting" option, a second drop-down options appear and in that user can pick from following components: SERVICE_140, SERVICE_141, SERVICE_142, SERVICE_143, SERVICE_144, SERVICE_174, SERVICE_184, SERVICE_185, SERVICE_186, SERVICE_190

ID: FT3.2

Name: Drop-down menu of default view: components shown after choosing second of the four service groups
Precondition: User has SDQV default view opened
Input: User picks second given choice „Performance Management" from the drop-down menu of service group names
Output: After choosing „Performance Management" option, a second drop-down options appear and in that user can pick from following components: SERVICE_107, SERVICE_127, SERVICE_128, SERVICE_129, SERVICE_130, SERVICE_131, SERVICE_132, SERVICE_133, SERVICE_134, SERVICE_135, SERVICE_136, SERVICE_137, SERVICE_138, SERVICE_139, SERVICE_145, SERVICE_146, SERVICE_147, SERVICE_148, SERVICE_149, SERVICE_166, SERVICE_188

ID: FT3.3

Name: Drop-down menu of default view: components shown after choosing third of the four service groups
Precondition: User has SDQV default view opened
Input: User picks third given choice „BB Data Warehouse" from the drop-down menu of service group names
Output: After choosing „BB Data Warehouse" option, a second drop-down options appear and in that user can pick from following components: SERVICE_10 to SERVICE_106 and all the numbered services sequentially between

ID: FT3.4

Name: Drop-down menu of default view: components shown after choosing last of the four service groups
Precondition: User has SDQV default view opened
Input: User picks last given choice „Risk Management" from the drop-down menu of service group names
Output: After choosing „Risk Management" option, a second drop-down options appear and in that user can pick from following components: SERVICE_110, SERVICE_111, SERVICE_123, SERVICE_150, SERVICE_151, SERVICE_152, SERVICE_153, SERVICE_154, SERVICE_155, SERVICE_156, SERVICE_157, SERVICE_158, SERVICE_163,

SERVICE_164, SERVICE_165, SERVICE_167, SERVICE_168, SERVICE_169, SERVICE_170, SERVICE_171, SERVICE_172, SERVICE_180, SERVICE_187, SERVICE_191, SERVICE_194, SERVICE_195

ID: FT4

Name: Charts shown after choosing service component
Precondition: User has SDQV default view opened and has chosen one of the four service groups
Input: User picks component in the drop-down list relevant to the service group chosen step before
Output: User is shown five aggregate charts about the chosen service group component:

- Data Profile
- Accuracy to Source
- Completeness
- Consistency
- Format Conformance

ID: FT5

Name: Navigation menu
Precondition: User has SDQV opened in browser
Input: It does not matter on what of three pages the user is on – navigation menu is always present with two options: Charts generation, Home
Output: Content with relevant subject appears for the page the user has chosen from navigation menu. By default and in this case it is „Home" page and the menu element is visibly active for navigation purposes

ID: FT5.1

Name: Stepping between navigation menu elements
Preconditon: User has SDQV opened in browser
Input: User navigates to „Charts generation" page through navigation menu
Output: User is given page with a list of drop-down boxes which make possible to filter certain data from the database and create a chart from it with relevant information. Also the navigation menu element must be visibly active for navigation purposes

ID: FT5.2

Name: Stepping between navigation menu elements
Precondition: User has navigated to „Charts generation" page
Input: While being on „Charts generation" page, user can navigate to „Home" page through navigation menu by pressing on menu element
Output: User is brought from „Charts generation" page to „Home" page and service group „BB Data Warehouse" default view with its five aggregate charts are visible. Aggregate charts have to contain following characteristics:

- Data Profile
- Accuracy to Source
- Completeness
- Consistency
- Format Conformancy Also without any click there should be present default drop-down menu of service group names

ID: FT6

Name: Charts generation
Preconditon: User has SDQV opened in browser
Input: User navigates through „Charts generation" menu button to relevant page
Output: User is given five drop-downs thorugh which is possible to create query towards database. Five drop-down elements that should be visible for user:

- Chart
- Country
- Service Domain Name
- Service Group Name
- Service Component
- Component Validation
- Validation Rule

ID: FT6.1

Name: Charts generation
Preconditon: User has navigated to „Charts navigation" page
Input: User clicks on „Chart" drop-down box
Output: User is proposed validations list according to chosen component:

- Bar
- Line

- Heatmap
- Map
- Donut

ID: FT6.2

Name: Charts generation
Preconditon: User has navigated to „Charts navigation" page
Input: User clicks on „Country" drop-down box
Output: User is proposed validations list according to chosen component:

- All(GR)
- EE
- LV
- LT

ID: FT6.3

Name: Charts generation
Preconditon: User has navigated to „Charts navigation" page
Input: User clicks on „Service Domain Name" drop-down box
Output: User is proposed three options:

- All
- Information Service
- Business Service

ID: FT6.4

Name: Charts generation
Preconditon: User has navigated to „Charts navigation" page
Input: User clicks on „Service Group Name" drop-down box
Output: User is proposed five options:

- All
- Regulatory Reporting
- Performance Management
- BB Data Warehouse
- Risk Management

ID: FT6.5

Name: Charts generation
Preconditon: User has navigated to „Charts navigation” page
Input: User clicks on „Service Component” drop-down box
Output: User is proposed services list according to previously chosen group. Services list is provided in the format of „SERVICE_##” or „SERVICE_###”

ID: FT7

Name: Drill-down from chart
Precondition: User has predefined filtered chart generated
Input: User clicks on chart area where data is correct or incorrect
Output: User is taken to „Advanced” page and given the table rows where the error is present. Or if the user chose valid data drill-down then valida data set is shown

ID: FT7.1

Name: Drill-down from chart
Precondition: User has entered to drill-down table
Input: User clicks on upward and downward arrows next to column "Measure result" where data is incorrect
Output: For clicking upwards arrow user is given column sort starting from the lowest measurement number. For clicking downwards arrow user is given column sort from the highest measurement number

ID: FT7.2

Name: Drill-down from chart
Precondition: User has entered to drill-down table
Input: User views drill-down table columns "Col nr" and "Row nr"
Output: For every visible drill-down table row the location of incomplete/incorrect data value must be shown. There has to be visibly present a number of column and a number of row where the fault lies

ID: FT7.3

Name: Drill-down from chart
Precondition: User has entered to drill-down table
Input: User selects from upper-left drop-down list ("Show" + entry + "entries") values 10, 25, 50 and 100
Output: Drill-down table is showing relevant entries according to the value user

chose. For showing 10 entries, the drill-down table must consist of 10 rows per page. For 25 entries there must be 25 rows per page. For 50 entries there must be 50 rows per page and for 100 entries there must be 100 rows per page

ID: FT7.4

Name: Drill-down from chart
Precondition: User has entered to drill-down table
Input: After the last row on the page user clicks on the button "Next" and then "Previous"
Output: For pressing button "Next", a new page of presented data must be loaded. For pressing button "Previous", a previous page of data must be loaded to user. Number of shown entries value cannot change during next or previous page loading

ID: FT7.5

Name: Drill-down from chart
Precondition: User has entered to drill-down table
Input: After the last database row on the page user clicks on the button where number two is shown and after that number four and finally number one
Output: For pressing button "2", a new page of presented data must be loaded. For pressing button "4", another page of data must be loaded to user. After pressing number "1", user must be loaded the same set of data for page that was shown when opening the drill-down table for specific chart. Number of shown entries value cannot change in page loading during this test

ID: FT7.6

Name: Search from drill-down table
Precondition: User has entered to drill-down table
Input: User views to the upper-right corner of the content of drill-down table
Output: User can identify a search box with name "Search:" that corresponds to the opened drill-down table

ID: FT7.7

Name: Search from drill-down table
Precondition: User has entered to drill-down table
Input: User enters to the search box some number visible from the unsorted drill-down table
Output: User is only shown rows of drill-down table where the value user entered in

the search box is present at least in one column of the row. Search works on all columns and rows of the table

ID: FT8

Name: Adding a date
Precondition: User has navigated to "Charts generation" page
Input: User clicks on the first date box and selects random starting date from the drop-down calendar. After that clicks on second date box and selects an random ending date from the drop-down calendar
Output: Exact chosen dates from the two calendars must appear in the date box formatted as YYYY-MM-DD

ID: FT8.1

Name: Adding a date
Precondition: User has navigated to "Charts generation" page
Input: User enters starting date to the first date box and to the second date box an ending date. Both in format of YYYY-MM-DD
Output: Manually entered dates must correspond to the active dates (blue background) in drop-down calendar shown

ID: NFT1

Name: Multi-browser test
Precondition: User has three different types of browsers installed - Internet Explorer 11, Mozilla Firefox, Google Chrome
Input: User opens three mentioned browsers simultaneously or separately and naviagtes to url: sidron.ee/Swedbank
Output: In all three browsers user is shown same options and values. All functions work the same way as intended. Minor style differences are allowed but it must not block page functioning

ID: NFT2

Name: Functions response time
Precondition: User opens SDQV in browser
Input: User goes to "Charts navigation". Builds itself a query to database and visualizes a chart of it through button "Generate". In chart view user clicks on the correct or incorrect data portion and is given drill-down of the relevant data in "Advanced" page view. User changes shown entries per page from 10 to 100 and vice versa

Output: All those actions per click must not take more time than 1-2 seconds. Loading speed cannot be hampered by current size of dataset