**JBA Test Execution: Results**

**Document ID: Doc\_JBA****\_v.1.1.0\_TER\_OQ**

**Based on GAMP5 Appendix D5 (ISPE, pp. 204-205)**

**Document History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **What** | **Who** | **When** | **Comment/Signature** |
| 1.0 | New template for OQ of JBA v1.1.0.0 | T’Challa, Test Analyst | 15-Jun-2020 | digitally signed by Test Analyst (Author), Test Reviewer (Reviewer), QA (Approver) |
| 2.0 | Completed template during OQ of JBA v1.1.0.0 | Scott Lang, Tester | 18-Jun-2020 | digitally signed (Tester) |

**Purpose**

This document should allow to track and verify the activities of the tester. It is conceived as check list in order to guide and support the tester while performing the automated test.

**Tested Version**

JBA\_v.1.1.0.0.

**Feature Files**

Verify the following:

* The last digital signature for approval of each feature file is valid (last line of the feature file history).[[1]](#footnote-1)
* Correct ‘Sig. Version’ of each feature file is available (compared to Test Specifications: Doc\_JBA\_v.1.1.0\_TS\_OQ)

**Glue Code[[2]](#footnote-2)**

Verify the following:

* The glue code with version 1.1.0.0 is available
* The changes in the glue code compared to version 1.0.0 only uses Selenium methods to control the test automation (directly or indirectly by calling another StepDef method)
* Selenium actions which a human tester would not perform in the same way, were not found in the glue code. For example the function *webDriver().navigate().refresh();* should only be found for steps to control or establish the prerequisites or when a tester would also be asked to refresh a page, e.g. after saving.
* The changes in the glue code compared to version 1.0.0.0 only uses hamcreast matcherassert methods in order to compare the result with the expected results to make a test step passed or failed
* The changes in the glue code compared to version 1.0.0.0 do not use the rest api to the backend to perform the tests. The rest api might be used in the Before - or After Step definitions in view of preparing the following test.
* No StepDef method is empty (only to be checked for the changed parts in the glue code).
* If given:
  + Interfaces to peripheral systems are only used for assertions. The JBA function under test must be triggered using the UI by Selenium

**OQ Test App Set-up**

Do the following:

* Integrate Feature Files in the OQ Test App
* Integrate Glue Code in the OQ Test App
* Perform dry run:  
  Test ID: \_\_\_\_\_

Verify the following:

* + All feature files were run
  + All scenarios were performed
  + All steps gave a result (either passed or failed)

**Test Execution**

Test ID (*Example Build-2020-04-17-03-00-00*): \_\_\_\_\_

Test Date: \_\_\_\_\_

Starting Time: \_\_\_\_\_

Observations: \_\_\_\_\_

**Test Evidence**

Test Result folder as zip file into this section:

**Test Summary**

By signing this document, I confirm the careful execution of the above-mentioned activities. The automated tests have been carried out correctly and diligently to the best of my knowledge and conscience.

**Signature (s)?**

This document is digitally signed....

1. From the moment on that the feature files are approved as FS initial version, they will be developed and maintained in parallel with the JBA code. In order to go live: the approved TS that is ready for OQ and digitally signed will be committed and pushed to the git repository in the same way as for code. It will be released together with the glue code and the JBA code with the same release version number. In order to assure, that it has not been changed during that process the tester needs to verify the digital signature. [↑](#footnote-ref-1)
2. The glue code and the JBA code are developed and maintained in parallel, meaning they have the same release version and are submitted to the same code reviews process. The foreseen code review by the tester is therefore the second code review. One could also look at it as an approval. Glue Code needs special care, as there are no OQs that could be performed on it. IQ of the glue code is done in parallel and always on the same version as for the JBA IQ. [↑](#footnote-ref-2)