# Test Name: PAT\_DC\_STD-Booking-STU

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| --- | --- | --- |
| **Document Creator:** Alexander Grischenko | **Date of Creation:** 13. 09.2019 | **Name of Object/Module (if applicable):** OFQ/100 ->SAP->S4SCSD->Data Collation->/PAT/DC |

### Test purpose

The purpose of the testcase from the viewpoint of business logic (i.e. what business operation/process, in particular, it is reproducing and where/when this is normally needed).

### Known issues:

* N/A.

### Preconditions of the test:

* Copy the project source code from *W:\Projekte\OGSD\00\_Qualitaetssicherung\TestAutomation\TestSourceCode\PAT\_DC\_STD-Booking-STU.zip* and unzip into *C:\Temp* folder on your VDI.
* Copy Selenium WebDrivers from *W:\Projekte\OGSD\00\_Qualitaetssicherung\TestAutomation\TestSourceCode\SeleniumWebDrivers.zip* and unzip directly into *C:\* drive on your VDI.
* Make sure *Java SDK 1.8* or *12* is installed on your VDI.
* Make sure *Apache-Maven-3.6.0* is installed on your VDI (also can be downloaded and unzipped into *C:\Program Files* folder on your VDI from *W:\Projekte\OGSD\00\_Qualitaetssicherung\TestAutomation\TestSourceCode*\*apache-maven-3.6.0.zip*).
* IE11 web-browser. Also possible:
  + FireFox v.69 or higher version of 64-bits (was not tested under 32-bits)
  + Google Chrome v.78.0.3904.97 of 64-bits (was not tested under 32-bits). If you have other Chrome version - a proper compatible Chrome WebDriver needs to be downloaded from <https://sites.google.com/a/chromium.org/chromedriver/downloads>
* OFQ/100 and OGQ/100
* Language settings EN.
* Change the period of a sales area before posting, if the month has changed (<https://confluence.implico.com/display/SAPQATEAM/Change+the+current+period+for+sales+areas> or <onenote:///W:\Projekte\OGSD\00_Qualitaetssicherung\Vorlagen\OneNote> -> Wihtig zu Wissen tab -> MM Periodenverschiebung Mate)
* Check that the stock of OGSD\_100 materials at plants GP01 and GP02 is bigger at least than 100 - here is how. If less than 100 then add more stock of materials - here is how.

### Dependencies:

* See APPENDIX #1.

### Available Documents

* N/A.

### Test case steps/instructions

##### Step 1

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| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Run transaction /PAT/DC\_ST | n/a | “Data Collation” page to be displayed with empty tables. | n/a | Make sure that the view is reset to default. |
| **Explanatory Screenshot(s)** | | | | |
| #1.1 | | | | |

##### Step 2

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “New” button. | n/a | The UI gets editable and ready for data entry. | n/a | * “**New**” button gets disabled; * “**Save**” and “**Cancel**” buttons get enabled; * “**Header Data**” table gets editable; * “**Add Item**” button gets enabled. |
| **Explanatory Screenshot(s)** | | | | |
| #2.1 | | | | |

##### Step 3

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Add Item*” button in the “*Item Data*” table. | n/a | The added item is ready for data entry. | n/a | n/a |
| **Explanatory Screenshot(s)** | | | | |
| #3.1 | | | | |

##### Step 4

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Provide value in “Item Category” field in the “*Item Data*” table and then click ENTER. | STN | All needed fields will get active for data entries by an “Enter”. | n/a | Check that the following fields will get activated: *Material, Quantity, Base Unit measurement, Plant, Storage Location, Valuation Type, Handling Type.* |
| **Explanatory Screenshot(s)** | | | | |
| #4.1 | | | | |

##### Step 5

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Provide values (without hitting ENTER key) into the following fields *Material, Quantity, Base Unit measurement, Plant, Storage Location, Valuation Type, Handling Type* as specified in the next column. | * Material: **OGSD\_100** * Quantity: **100** * Plant: **GP01** * Storage Location: **G1L1** * Valuation Type: **TAX** * Handling Type: **01** | n/a | n/a | Check that the following fields get autocompleted i.e. *Material Description* and *Base Unit of Measure*. |
| **Explanatory Screenshot(s)** | | | | |
| #5.1 | | | | |

##### Step 6

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on the created row in “*Add Item*” table. | n/a | "*Detail Data*" section should be displayed below the "*Add Item*" table. | n/a | Check that the "*Purchasing*" tab is selected by default in "*Detail Data*" section (if not - click to select it). |
| **Explanatory Screenshot(s)** | | | | |
| #6.1 | | | | |

##### Step 7

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Select “*Purchasing*” tab and provide values for *Purch. organization, Purchasing Group, Supplying Plant,* select *Stock Transfer in Stock in Transit, SLoc of Stock Transfer* fields. | * *Supplying Plant*: **GP02** * *Stock Transfer in Stock in Transit*: **selected** * *Purchasing Group*: **GPU** * *Purch. organization*: **GPUR** (click ENTER) * *SLoc of Stock Transfer*: **G2L1** (click ENTER) | n/a | n/a | 1. Check that the *Purchasing Doc. Type* field gets autocompleted with "**UB**" value after clicking ENTER in *Purch. organization* field. 2. Check that after clicking ENTER in *SLoc of Stock Transfer* field the following fields will get autocompleted i.e. *Price Date, Time, Handling Type*. |
| **Explanatory Screenshot(s)** | | | | |
| #7.1 | | | | |

##### Step 8

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Check*” button. | n/a | Two messages should be displayed at the top of the screen:   1. “*PAT document is complete*”; 2. “*Start of incompleteness check for document by user <c-user> on <date> at <time>*”. | n/a | Check that the document status is set to “**B**”. |
| **Explanatory Screenshot(s)** | | | | |
| #8.1 | | | | |

##### Step 9

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Release*” button. | n/a | The following message should be displayed at the top of the screen: “*PAT document was released*”. | n/a | Check that the document status is set to “**C**”. |
| **Explanatory Screenshot(s)** | | | | |
| #9.1 | | | | |

##### Step 10

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Save*” button. | n/a | The following message should be displayed at the top of the screen: “*PAT document <number> was saved*”. | n/a | Check that the document status remained as “**C**”. |
| **Explanatory Screenshot(s)** | | | | |
| #10.1 | | | | |

##### Step 11

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Process*” button. | n/a | The following message should be displayed at the top of the screen:   1. “*PAT document <number> was posted*”. 2. “*PAT document <number> was saved*”. | After the first click on the *Process* button check that:  1. Error messages "*items could not be successfully posted*" and "*PAT document was posted with errors*" are not displayed;  2. *Document status* should not be equal to "**D**".  If both above mentioned checking are true, then click on the *Process* button again. | Check that the document status is set to “**F**”. |
| **Explanatory Screenshot(s)** | | | | |
| #11.1 | | | | |

##### Step 12

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Locator*” button. | n/a | “*Locator*” panel should open. | n/a | n/a |
| **Explanatory Screenshot(s)** | | | | |
| #12.1 | | | | |

##### Step 13

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| In “*Search Criteria*” section on “*Locator*” panel select “*Document Number*” in the first input, “*is*” in the second input. | In “*Document Number*” input enter the number of created document. | n/a | n/a | n/a |
| **Explanatory Screenshot(s)** | | | | |
| #13.1 | | | | |

##### Step 14

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Search*” button. | n/a | The “*Results List*” should display 1 document. | n/a | Check that   1. the “*Document Number*” has the same doc number as was in created document; 2. the “*Document Status*” has the status of “*Posted*”. |
| **Explanatory Screenshot(s)** | | | | |
| #14.1 | | | | |

##### Step 15

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Locator*” button. | n/a | “*Locator*” panel should close. | n/a | Check that "*Locator*" panel gets closed. |
| **Explanatory Screenshot(s)** | | | | |
| #15.1 | | | | |

##### Step 16

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Scroll down to get into view the “*Document Flow*” table. | n/a | n/a | n/a | Check that "*Document Flow*" table is not empty. |
| **Explanatory Screenshot(s)** | | | | |
| #16.1 | | | | |

##### Step 17

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| In the “*Document Flow*” table click on the *Data Collation* item to open its tree and copy the number of *Stock Transport Order*. | n/a | n/a | n/a | n/a |
| **Explanatory Screenshot(s)** | | | | |
| #17.1 | | | | |

##### Step 18

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*New*” button again. | n/a | The UI gets editable and ready for data entry. | n/a | * “**New**” button gets disabled; * “**Save**” and “**Cancel**” buttons get enabled; * “**Header Data**” table gets editable; * “**Add Item**” button gets enabled. |
| **Explanatory Screenshot(s)** | | | | |
| #18.1 | | | | |

##### Step 19

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Add Item*” button in the “*Item Data*” table. | n/a | The added item is ready for data entry. | n/a | n/a |
| **Explanatory Screenshot(s)** | | | | |
| #19.1 | | | | |

##### Step 20

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Provide value in “Item Category” field in the “*Item Data*” table and then click ENTER. | STU | All needed fields will get active for data entries by an “*Enter*”. | n/a | Check that the following fields will get activated: *Reference Document, Reference Number.* |
| **Explanatory Screenshot(s)** | | | | |
| #20.1 | | | | |

##### Step 21

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Paste the copied *Stock Transport Order* value into the *Reference Document* field (in the “*Item Data*” table) and hit ENTER key. | * Reference Document: copied ***Stock Transport Order*** | All empty fields should be automatically filled in (except for *Partners*) | n/a | 1. Check that the following fields have the following values after hitting ENTER:  * *Reference Item*: **000010** * *Material*: **OGSD\_100** * *Material Description*: **Gasoil** * *Quantity*: **100,000** * *Base Unit of Measure*: **L15** * *Plant*: **GP01** * *Storage Location*: **G1L1** * *Valuation Type*: **TAX** * *Handling Type*: **01**   2. Check that the following messages are displayed on the top of the page:   * *Purchase order has no valid price conditions for item*; * *Item from purchase order was imported*. |
| **Explanatory Screenshot(s)** | | | | |
| #21.1 | | | | |

##### Step 22

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Check*” button. | n/a | Two messages should be displayed at the top of the screen:   1. “*PAT document is complete*”; 2. “*Start of incompleteness check for document by user <c-user> on <date> at <time>*”. | n/a | Check that the document status is set to “**B**”. |
| **Explanatory Screenshot(s)** | | | | |
| #22.1 | | | | |

##### Step 23

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Release*” button. | n/a | The following message should be displayed at the top of the screen: “*PAT document was released*”. | n/a | Check that the document status is set to “**C**”. |
| **Explanatory Screenshot(s)** | | | | |
| #23.1 | | | | |

##### Step 24

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Save*” button. | n/a | The following message should be displayed at the top of the screen: “*PAT document <number> was saved*”. | n/a | Check that the document status remained as “**C**”. |
| **Explanatory Screenshot(s)** | | | | |
| #24.1 | | | | |

##### Step 25

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Process*” button. | n/a | The following message should be displayed at the top of the screen:   1. “*PAT document <number> was posted*”. 2. “*PAT document <number> was saved*”. 3. "*Material document was created*". | n/a | Check that the document status is set to “**F**”. |
| **Explanatory Screenshot(s)** | | | | |
| #25.1 | | | | |

##### Step 26

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Locator*” button. | n/a | “*Locator*” panel should open. | n/a | n/a |
| **Explanatory Screenshot(s)** | | | | |
| #26.1 | | | | |

##### Step 27

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| In “*Search Criteria*” section on “*Locator*” panel select “*Document Number*” in the first input, “*is*” in the second input. | In “*Document Number*” input enter the number of created document. | n/a | n/a | n/a |
| **Explanatory Screenshot(s)** | | | | |
| #27.1 | | | | |

##### Step 28

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Search*” button. | n/a | The “*Results List*” should display 1 document. | n/a | Check that   1. the “*Document Number*” has the same doc number as was in created document; 2. the “*Document Status*” has the status of “*Posted*”. |
| **Explanatory Screenshot(s)** | | | | |
| #28.1 | | | | |

##### Step 29

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step Description** | **Input values (if any)** | **Expected Results** | **Pre-conditions for Alternative Behavior (if any)** | **Recommended check points** |
| Click on “*Locator*” button. | n/a | “*Locator*” panel should close. | n/a | Check that "*Locator*" panel gets closed. |
| **Explanatory Screenshot(s)** | | | | |
| #29.1 | | | | |

### APPENDIX #1