Test Plan Report

Test Project: Material Flow  
Test Plan: FLOW Android mobile test plan happy path  
Test Suite: Android Device

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# Test Plan: FLOW Android mobile test plan happy path

To run the test plan for Flow mobile to verify the functionalities, process, actions

# 1.1.Test Suite : AndroidDevice

# 1.1.1.Test Suite : FLOW Android mobile happy path

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| **Test Case ZMF-6362: Setup and verify the flow connection server** | | | |
| Author: | cmendoza | | |
| Summary:  To setup and verify the connection server | | | |
| Preconditions:  - To have a mobile MC33 or emaluator with Android 8.1 - To have the application material flow installed in the devices or emulator - To have the FLOW server up | | | |
| #: | Step actions: | Expected Results: |  |
| 1 | Open the mobile application material Flow | -The application should open and display the login and password options |  |
| 2 | Login to the application as setup user | -The application should display the configuration area with the server address, inactivity time (minutes) fields and show debug logs option |  |
| 3 | Changes the server address to the QA server enable and clink the [i] icon to verify the connection | -If the server path is correct the application display the message: "Server validate sucessful" and the [i] icon changes to check icon  -If the server path is not correct the application displays the message: "invalid server" |  |
| 4 | Check/uncheck the show debug logs | - If the checkbox is checked the" show debug logs" the application can save the logs of the application in the device  - If the checkbox is not checked the" show debug logs" the application cannot save the logs of the application in the device |  |
| 5 | Click the SAVE button | -The aplication should save the changes and go back to the login area |  |
| Execution type: | Manual | | |
| Estimated exec. duration (min): |  | | |
| Priority: | Medium | | |
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| Keywords: | None | | |

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| **Test Case ZMF-6363: Verify the search option in the asset area** | | | |
| Author: | cmendoza | | |
| Preconditions:  - To have a mobile MC33 or emaluator with Android 8.1  - To have the application material flow installed in the devices or emulator  - To have the FLOW server up | | | |
| #: | Step actions: | Expected Results: |  |
| 1 | Open the mobile application material Flow | -The application should open and display the login and password options |  |
| 2 | Login to the application as admin user | -The application should display the differents areas added in the mobile like: asset, part routes, route selection, scan to pick, material pick, material delivery, exceptions, logout |  |
| 3 | Click in the asset option | The application should display a message for scan process: "Please proceed to scan a Asset Code or close this dialog to pick one from the list. |  |
| 4 | Click the "OK" button in the message opened for scan process |  |  |
| 5 | Click in the lens icon | The application should open the search area, wirh the fields like Tag ID#, Asset ID, Keyword and the button SEARCH |  |
| 6 | Filter asset by the option by Tag ID#, Asset ID, Keyword | - All the fields should be work indiviual or combine the fields.  - If the search match a element the application show the "asset ID"  - If the search goesn't mach any element the application display the message "Nothing found to display" |  |
| Execution type: | Manual | | |
| Estimated exec. duration (min): |  | | |
| Priority: | Medium | | |
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| Keywords: | None | | |

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| **Test Case ZMF-6364: Verify the search option in part routes area** | | | |
| Author: | cmendoza | | |
| Summary:  To verify the the search functionality in the part routes | | | |
| Preconditions:  - To have a mobile MC33 or emaluator with Android 8.1  - To have the application material flow installed in the devices or emulator  - To have the FLOW server up | | | |
| #: | Step actions: | Expected Results: |  |
| 1 | Open the mobile application material Flow | -The application should open and display the login and password options |  |
| 2 | Login to the application as admin user | -The application should display the differents areas added in the mobile like: asset, part routes, route selection, scan to pick, material pick, material delivery, exceptions, logout |  |
| 3 | Click in the Part Route option | The application should display a message "Please proceed to scan a new part route or close this dialog to pick one from the list" |  |
| 4 | Click the "OK"  option | The application should display a list of part routes created |  |
| 5 | Click in the lens icon | The aplicacion should display the fields like: - Part# : prefix, base, suffix - tag ID # - PR# -Keyword  and the button SEARCH |  |
| 6 | Filter a part route by prefix, base, suffix. - Tag ID # - PR# (part route number) - Key word | The filters could be search a part route individually or combined the fields.  - If the search fould parts route according the filters, the application should display all the part route that have similimar element search in the fields.  - if the search doesn't match any element the application displays the message "Nothing found to display" |  |
| Execution type: | Manual | | |
| Estimated exec. duration (min): |  | | |
| Priority: | Medium | | |
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| Keywords: | None | | |

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| **Test Case ZMF-6365: Verify the request option in the part routes area** | | | |
| Author: | cmendoza | | |
| Summary:  to verify if the user can do a request part from the Flow mobile | | | |
| Preconditions:  - To have a mobile MC33 or emaluator with Android 8.1  - To have the application material flow installed in the devices or emulator  - To have the FLOW server up | | | |
| #: | Step actions: | Expected Results: |  |
| 1 | Open the mobile application material Flow | he application should open and display the login and password options |  |
| 2 | Login to the application as admin user | The application should display the differents areas added in the mobile like: asset, part routes, route selection, scan to pick, material pick, material delivery, exceptions, logout |  |
| 3 | Click the Par Routes option | the application goes to Part routes and display a message for the scan process |  |
| 4 | Click the OK button from the message |  |  |
| 5 | Search a part form the list and click it | The application should open the part, showing its information like.  - PR# -Part# - Std Pack Name - Std PAck Qty -Description - Tag id# - Trigger Location - Instructions |  |
| 6 | Click the box icon in the down site to make a request | The application should display the message "Request, Do you want to perform the Material Requesr for this Part route" with the option Cancel/OK  If the Cancel button is press the application go back to the Part route details If the OK button is press the application make a request of the part route  If the part route is not configurated correctly the application display the message "There was a problem requesting Part Route, please try again or check the server address"  If the part route is configurated correctly the part route should be requested and the application display the message "Material requested successful" |  |
| Execution type: | Manual | | |
| Estimated exec. duration (min): |  | | |
| Priority: | Medium | | |
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| Keywords: | None | | |

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| **Test Case ZMF-6366: Verify the assign route to the user by Route Selection** | | | |
| Author: | cmendoza | | |
| Summary:  to veryf the assign route to the user to pick and delivery a part | | | |
| Preconditions:  - To have a mobile MC33 or emaluator with Android 8.1  - To have the application material flow installed in the devices or emulator  - To have the FLOW server up | | | |
| #: | Step actions: | Expected Results: |  |
| 1 | Open the mobile application material Flow | -The application should open and display the login and password options |  |
| 2 | Login to the application as admin user | -The application should display the differents areas added in the mobile like: asset, part routes, route selection, scan to pick, material pick, material delivery, exceptions, logout |  |
| 3 | Select the option route selection | The application should go to the route selection area to select a route type |  |
| 4 | Select a route type from the dropdown "my current assigned routes" and select a route type | the application should display the routes create on this route type. |  |
| 5 | Select/check a route from the list and click the save button icon | The application should display the messages "The record was updated successfully" , "the request has succeeded"  The route should be assigned to the user and it should be displayed in the list of routes. |  |
| Execution type: | Manual | | |
| Estimated exec. duration (min): |  | | |
| Priority: | Medium | | |
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| Keywords: | None | | |

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| **Test Case ZMF-6367: Verify the Material pick process with part routes requested** | | | |
| Author: | cmendoza | | |
| Summary:  To verify the pick process material pick process | | | |
| Preconditions:  - To have a mobile MC33 or emaluator with Android 8.1  - To have the application material flow installed in the devices or emulator  - To have the FLOW server up | | | |
| #: | Step actions: | Expected Results: |  |
| 1 | Open the mobile application material Flow | -The application should open and display the login and password options |  |
| 2 | Login to the application as admin user | -The application should display the differents areas added in the mobile like: asset, part routes, route selection, scan to pick, material pick, material delivery, exceptions, logout |  |
| 3 | Click the material pick option | The application should display all the parts requested according the routes assigned in part routes area |  |
| 4 | From the list select a part and click the "next request" option or the "delivery without scan" | - When the user click the "next request" option the part goes to the "Pick Request Part" area, to verify the data and scan the requeriments data as: Part, Lot#, Vendor#  - when the user click the "delivey without scan" option the application goes to the delivery area without scan any data. |  |
| 5 | From the "Pick request part" area the user can: - CANCEL the pick part - Report the part as EXCEPTION or PARTIAL EXCEPTION - Continue with the PICK process: pick the next part if it is not a bulk package - Scan the requemients data. | If the user: - CANCEL the pick part , the part goes to the pick material list - put the part as EXCEPTION the part goes to EXCEPTION area and the pick process is finished - put the part as PARTIAL EXCEPTION the the parts as exception goes to exception area and the others parts contine the pick process - Click the NEXT REQUEST button, the user can pick the next part if it is not a bulk package |  |
| 6 | Continue with the pick process, clicking the NEXT REQUEST button | when the route doesn't have any more part on the list the application display the message: "Attetion, No more Material Requests for Route(s). Please begin Delivery process by clicking 'begin delivery' |  |
| 7 | Click the "Begin delivery" option | The parts should go to material delivery area |  |
| Execution type: | Manual | | |
| Estimated exec. duration (min): |  | | |
| Priority: | Medium | | |
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| Keywords: | None | | |

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| **Test Case ZMF-6368: Verify the delivery process of a part in material delivery area** | | | |
| Author: | cmendoza | | |
| Summary:  To verify the delivery process of a part in delivery area | | | |
| Preconditions:  - To have a mobile MC33 or emaluator with Android 8.1  - To have the application material flow installed in the devices or emulator  - To have the FLOW server up  - To have parts in the delivery area | | | |
| #: | Step actions: | Expected Results: |  |
| 1 | Open the mobile application material Flow | -The application should open and display the login and password options |  |
| 2 | Login to the application as admin user | -The application should display the differents areas added in the mobile like: asset, part routes, route selection, scan to pick, material pick, material delivery, exceptions, logout |  |
| 3 | Click the material delivery option | The application should open the material delivery area.  - if the area doesn't have any part in delivery the application should display the message: "Nothing found to display"  - if the area have part in delivery, the application should display the part in a list. |  |
| 4 | Select a part from the list checking the checkbox |  |  |
| 5 | Click the button begin delivery (play icon) | The application goes to the "Delivery Request Part" area with the part information like: - part#, Description, Quantity, To location, LS#, Gen. Instructions nad the option to scan a part to be validate.  - If the part is bulk package the application display a warning message: "Please note, this part has a bulk package type". |  |
| 6 | Click the delivery without scan option (check yellow icon) | - The delivery without scan the user can delivery the part with out a scan. - The part complete the pick/delivery process. - The application goes to the material delivery area. |  |
| Execution type: | Manual | | |
| Estimated exec. duration (min): |  | | |
| Priority: | Medium | | |
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| Keywords: | None | | |

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| **Test Case ZMF-6369: Logout mobile flow application** | | | |
| Author: | cmendoza | | |
| Summary:  To verify the log out of a user from the application | | | |
| Preconditions:  - To have a mobile MC33 or emaluator with Android 8.1  - To have the application material flow installed in the devices or emulator  - To have the FLOW server up | | | |
| #: | Step actions: | Expected Results: |  |
| 1 | Open the mobile application material Flow | -The application should open and display the login and password options |  |
| 2 | Login to the application as admin user | -The application should display the differents areas added in the mobile like: asset, part routes, route selection, scan to pick, material pick, material delivery, exceptions, logout |  |
| 3 | Select the option logout | The application should display a message," Are you sure to log out ?" with two options  Cancel/ok |  |
| 4 | Click the YES button | The application goes back to the material flow login/password |  |
| Execution type: | Manual | | |
| Estimated exec. duration (min): |  | | |
| Priority: | Medium | | |
|  | | | |
| Keywords: | None | | |