Deloitte – INV On hand Inventory Report

Lean Specification

O2\_GENAI\_REP944\_INV On hand Inventory Report

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# Report Summary

## Purpose/Justification

This functional specification document forms the basis for a detailed technical specification. This document is intended to provide the developer with the necessary information for developing Inventory On-Hand Quantities (BU Level) Report. It defines the key information, assumptions, rules, and logic that are needed to create the Report.

## Report Description and Overview

The On-Hand Inventory Report is meant to provide information the On-hand Inventory availability at a particular inventory organization, against the respective locators. This report allows the user to search a location range to satisfy the block audit reporting needs.

## Legacy Report Sample



# Functional Design

## Report Details

|  |  |
| --- | --- |
| Report Name | O2\_GENAI\_REP944\_INV On hand Inventory Report |
| Report Path | /Shared Folders/ Custom/O2 GenAI Custom/LSH/TMT/ O2\_GENAI\_REP944\_INV On hand Inventory Report |
| Report Schedule | Adhoc |
| Scheduled Report Recipients | N/A |
| Output Format | PDF  XML  HTML  CSV  EXCEL |
| Report Owner | N/A |
| Estimated number of records | N/A |
| Additional Comments | N/A |

## Data Selection and Sorting

1. All the active inventory items belonging to the selected launch parameters such as BU, inventory org, etc. should be selected
2. Group the data starting with BU, then inventory orgs, and so on to display a hierarchized output of on-hand inventory availability
3. The data should be in ascending order of values in all the columns
4. The data should be middle (vertical) and left (horizontal) aligned

## Launch Parameters

| Parameter | Required | Valid Values | Default |
| --- | --- | --- | --- |
| Business Unit | Non-Mandatory | List of All BU’s | US Accu-Tech Corporation |
| Inventory Organization Code | Non-Mandatory | All Inventory Organization Codes within the selected BU, multi select enabled | All values |
| Inventory Organization Name | Non-Mandatory | Same as Inventory org code, restricted by BU | All values |
| As of Date | Mandatory | All dates (range) in mm/dd/yyyy format | None |
| Cost Book | Non-Mandatory | List of all Cost Books | All values |
| Cost Organization | Non-Mandatory | List of all Cost Orgs restricted to cost book | All values |
| Valuation Structure Type | Non-Mandatory | ASSET, CONSIGNED | ASSET |
| Sub Inventory | Non-Mandatory | List of sub inventories restricted to the inventory org | All values |
| Item Catalog | Non-Mandatory | List of all Item catalogs | All values |
| Item Category | Non-Mandatory | List of all item categories restricted to the catalog | All values |
| Item number | Non-Mandatory | List of all item numbers, multi select enabled | All values |
| Item Description | Non-Mandatory | Same as item number | All values |
| Locator | Mandatory | List of Locators restricted to the subinventories, multi select enabled | All values |

## Key Logic

Report will fetch data for all the inventory items for selected inventories and as per the values selected for different parameters.

## Data Mapping



## Assumptions

User running the program has the requisite user and data roles which are required to run this program

## Dependencies

* Inventory orgs are defined and configured
* Cost Books and Organizations are configured
* Item master is defined and assigned to the orgs
* Item catalogs and categories are setup for the orgs
* Cost profile/costing setups are configured for all the items in the orgs

# Workday Technical Design Specifications <remove if not applicable>

## Overview

N/A

## Detailed Report Design

|  |  |
| --- | --- |
| **Report Design** | |
| **Report Name** | N/A |
| **Report Type** | Simple  Advanced  Matrix  Trending  Transposed  Search  nBox  Composite |
| **Data Source** |  |
| **Enabled as a Web Service?** | N/A |
| **BIRT Report?** | N/A |
| **Filename** | N/A |
| **File Format** | N/A |
| Additional Information | N/A |

# Oracle Cloud Technical Design Specifications <remove if not applicable>

## Overview

This section is intended to provide the developer with all the key information, assumptions, rules, and technical components required to implement the REP179 On-hand Inventory report.

## Detailed Report Design

|  |  |
| --- | --- |
| **Report Design** | |
| **Report Path** | /Shared Folders/ Custom/O2 GenAI Custom/LSH/TMT/ O2\_GENAI\_REP944\_INV On hand Inventory Report |
| **Report Name** | O2\_GENAI\_REP944\_INV On hand Inventory Report |
| **Report Tool** | HCM Extract  BI Publisher  OTBI |
| **Report Security Group** | N/A |
| Additional Information | N/A |

## HCM Extract Design

**<Needed in case of HCM Extracts>**

|  |  |
| --- | --- |
| **HCM Extract Details** | |
| **Entity Names** | * N/A |
| **Parameters** | * N/A |
| **Links** | * N/A |
| **Filters** | * N/A |
| **Output Templates** | * N/A |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HCM Extract Attribute Details** | | | | | |
| **Column** | **Entity Name** | **Attribute Name** | **Conditional Action** | **Conditional Replacement** | **Comments** |
| **N/A** |  |  |  |  |  |

## BI Publisher Design

**<Needed in case of BI Publisher, delete if not relevant>**

|  |  |
| --- | --- |
| **BI Publisher Details** | |
| **Data Model Name** | O2\_GENAI\_REP944\_INV On hand Inventory Report\_DM |
| **Template Name** | O2\_GENAI\_REP944\_INV On hand Inventory Report |
| **Template Output Formats (\* Indicates Default)** | Rtf |

|  |
| --- |
| **Report SQL** |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Report Parameters** | | | |
| **Parameter Name** | **Data Type** | **Default Value** | **LOV query** |
| p\_bu | String |  |  |
| p\_itemnumber | String |  |  |
| p\_costbook | String |  |  |
| p\_invorgcode | String |  |  |
| p\_invorgname | String |  |  |
| p\_secondinv | String |  |  |
| p\_locator | String |  |  |
| p\_itemcategory | String |  |  |
| p\_itemcatlog | String |  |  |
| p\_valstructtype | String |  |  |
| p\_costorg | String |  |  |
| p\_asofdate | Date |  |  |
| p\_bu | String |  |  |

## OTBI Design

**<Needed in case of OTBI, delete if not relevant>**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Columns** | | | | |
| **Subject Area** | **Folder** | **Column** | **Sort Order** | **Filter Criteria** |
| N/A |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Views** | | |
| **View Type** | **View Name** | **View Columns** |
| N/A |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Analysis Prompts** | | | | |
| **Prompt Type** | **Column Name** | **Label** | **Data Type** | **Default Value** |
| N/A |  |  |  |  |

|  |  |
| --- | --- |
| **Advanced Options** | |
| **Option Name** | **Option Details** |
| N/A |  |

# SuccessFactors Technical Design Specifications <remove if not applicable>

## Overview

## N/A Detailed Report Design

|  |  |
| --- | --- |
| **Report Design** | |
| **Report Name** | N/A |
| **Report Type** | Ad-Hoc Report  Advanced Reporting  Detailed Reporting  Dashboards and Tiles  Online Report Designer (ORD)  Workforce Analytics  B.I.R.T. |
| **Data Source** |  |
| **BIRT Report?** | <Yes/No – if yes, include BIRT report template name> |
| **File Format** | <CSV, pipe delimited, not applicable> |
| Additional Information | <Document any details not described above.> |

# Open Items

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date Reported | Status | Question | Answer | Due Date | Responsible Party |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

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