**Danial Dadmohammadi**

**[D365 finance and operations]  ARADA**

**Technical design document**

**for**

**IT-315 |** **Barcodes export after GRN to Print lables**

**Revision and Signoff Sheet**

**Change Record**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Author | Version | Change reference |
| 5/29/2023 | Danial Dadmohammadi | 1.0.0 | Task 315: Barcodes export after GRN to Print labels |

**Reviewers**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Version reviewed | Position | Date |
| Nagendra Chitturi | 1.0.0 | Solution Architect |  |

**Approvers**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Version reviewed | Position | Date |
| Awad | 1.0.0 | Senior Manager – Enterprise solutions |  |

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1. Overview

## Objective

## Exporting the Retail Barcodes after GRN to Print labels into the an excel file at the PO receipt line

## References

|  |  |  |  |
| --- | --- | --- | --- |
| ZOHO ID | Manage Engine ID | Description | Owner |
| B588-T40 | -- | Retail: Barcodes export after GRN to Print lables | Danial, Nagendra |

## Purpose and Overview

At the PO receive line, the user should be able to export the barcodes generated into the excel file using the system facility. In this case, all the of the product dimension including their names and variant id would be exported to an excel file. This feature is available for Artal only.

## Requirement Overview

*Exporting the received product dimensions with their barcodes into the excel file*

## Solution Overview

* At Artal, each product which is received, all of the its specifications with the assigned barcodes should be exported to an excel file.
* One button is create for the exporting the mentioned info and it is covered all of the related products existing the PO received line.

Following are the objects that are involved in the development process.

Soloution name: ARArtalPOExportToExcel

Project name: ARArtalPOExportToExcel

**Classes:**

|  |  |
| --- | --- |
| **Object name** | **Purpose** |
| ARAttachmentGetContract | Contract class for getting Attached documents |
| ARExport2Excel | A class for adding the logic for exporting using the menuitem |

**Action Menu Items:**

|  |  |
| --- | --- |
| **Object name** | **Purpose** |
| ARExport2ExcelPOLine | To open the exported excel file |

**Form Extensions:**

|  |  |
| --- | --- |
| **Object name** | **Purpose** |
| VendPackingSlipJournal.ISLDEV | Adding a new menuitem for exporting |

### Security design

## Security Roles

|  |  |  |
| --- | --- | --- |
| **Name** | **Duties** | **Addl Remarks** |
| ARExport2ExcelSecurityRole | -- | -- |

## Duties

|  |  |  |
| --- | --- | --- |
| **Name** | **Privileges** | **Addl Remarks** |
| -- | -- | -- |

## Privileges

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Entry Points** | **DATA entity permission** | **Access Level** | **Addl Remarks** |
| ARArtalExport2ExcelSecurityPrivilege | ARExport2ExcelPOLine | -- | Delete | -- |

## Process Cycles

|  |  |  |
| --- | --- | --- |
| **Name** | **Duties** | **Addl Remarks** |
| -- | -- | -- |