**Danial Dadmohammadi**

**[D365 finance and operations]  ARADA**

**Technical design document**

**for**

**IT-287 |** **Artal PO changes**

**Revision and Signoff Sheet**

**Change Record**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Author | Version | Change reference |
| 4/9/2023 | Danial Dadmohammadi | 1.0.0 | Task 287: Artal PO changes |

**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

## Distinguishing the default Artal PO at the time of the creating automatically based on the current data area id.

## References

|  |  |  |  |
| --- | --- | --- | --- |
| ZOHO ID | Manage Engine ID | Description | Owner |
| B588-T113,  B588-T25 | -- | Artal PO changes | Danial |

## Purpose and Overview

At the PO level, we need to determine the default Artal POs using the check box predefined based on the some configurations on the vend parameters.

## Requirement Overview

*Auto selection of the default Artal PO at the time of the creating with a check box selected.*

## Solution Overview

* When a user tries to create a new PO, if the system admin has done the a configuration in the vend parameters section, the PO would be checked as a default Artal PO automatically if he/she is on the Matj Co. Actually, at the time of creating the PO, the value of the Artal flag in the vend parameters form is transferred to the form of the PO creating and its check box would be selected as an Artal PO. By saving the PO header, this value would be saved in the PurchTable.

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

Soloution name: ARVendParameterDefaultPOARTAL

Project name: ARVendParameterDefaultPOARTAL

**Classes:**

|  |  |
| --- | --- |
| **Object name** | **Purpose** |
| ARinitvalueArtalPO\_Extension | Override the initvalue() of the PurchCreateOrder form |
| ARDefaultPO\_Extension | Override the modified() method of the VendParameters form |
| ARArtalNewPO\_Extension | Override the init() method of the PurchCreateOrder form |

**Form Extensions:**

|  |  |
| --- | --- |
| **Object name** | **Purpose** |
| PurchCreateOrder.ISLDEV | Adding the “ARArtalCheckBox” field |
| PurchTable.ISLDEV | Adding the “ARDefaultPO” field in the header |
| VendParameters.ISLDEV | Adding the “ARDefaultPO” field |

**Tables:**

|  |  |
| --- | --- |
| **Object name** | **Purpose** |
| PurchTable.ISLDEV | Adding the “ARArtaPO” column |
| VendParameters.ISLDEV | Adding the “ARDefaultPO” column |

### Security design

## Security Roles

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

## Duties

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

## Privileges

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

## Process Cycles

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