**Danial Dadmohammadi**

**[D365 finance and operations]  ARADA**

**Technical design document**

**for**

**IT-250 |** **Expense claim submission enhancements - Adding vendor field in expense trans**

**Revision and Signoff Sheet**

**Change Record**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Author | Version | Change reference |
| 2/14/2023 | Danial Dadmohammadi | 1.0.0 | Task 250: Expense claim submission enhancements - Adding vendor field in expense trans |

**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

## Expense claim submission enhancements

## References

|  |  |  |  |
| --- | --- | --- | --- |
| ZOHO ID | Manage Engine ID | Description | Owner |
| -- | -- | Expense claim submission enhancements - Adding vendor field in expense trans | Danial, Nagendra |

## Purpose and Overview

At the expense transaction line form, we should add vendor account field to fetch the correct offset ledger dimension value.

## Requirement Overview

## Adding vendor field in expense transaction form

## Solution Overview

* Vendor account field has been added to the form of the expense transaction and the related table as well. When the user select the proper vendor account, the offset ledger dimension is selected based on the Trv payment method type.
* The logic should also consider the multi-line data entering for the vendor account field.
* Moreover, if the vendor account became entity, the offset ledger dimension should be updated with correct value.

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

Soloution name: ARExpenseMgmtOffsetVendor

Project name: ARExpenseMgmtOffsetVendor

**Classes:**

|  |  |
| --- | --- |
| **Object name** | **Purpose** |
| ARTrvExpenseHeader\_Extension | Extension of the “TrvPostExpenseHeader” for updating the offset ledger dimension |
| ARTrvExpensesDataSource\_Extension | To override the active() method of the “TrvExpTrans” datasource to enable/disable the for element |
| ARTrvExpensesDataSourceField\_Extension | To override the modified() method of the field data source “TrvExpTrans” to empty the vendor account field value |
| ARTrvPostExpenseLine\_Extension | Extension of the “TrvPostExpenseLine” class for handling the payment method |
| ARTvExpenses\_Extension | To override the modified() method of the data source field “TrvExpTrans, PayMethod” to handle the multi-line data entering |

**Form Extensions:**

|  |  |
| --- | --- |
| **Object name** | **Purpose** |
| TrvExpenses.ISLDEV | Adding a new field on the form as a vendor account |

**Tables:**

|  |  |
| --- | --- |
| **Object name** | **Purpose** |
| TrvExpTrans.ISLDEV | Adding a new column on the form as a vendor account |

### 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** |
| -- | -- | -- |