Lean Specification

Report - O2\_GENAI\_REP1261\_Differences in the AR and Payment amount by attributes

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# Summary

## Purpose/Justification

This lean specification document is intended to provide the developer with the necessary information, rules, and logic to develop the report for extracting AR Invoices having non-zero balance with the corresponding Receipt or Adjustment applications performed on the Invoices.

The XXX business team needed extract of AR Invoices if there is difference in the Receivable and Payment amount of the Invoice. The report will be used for all region XXX Fleet Business units.

## Report Description and Overview

|  |  |
| --- | --- |
| **Sl No** | **Section Name** |
| 1 |  |
| 2 |  |

## Legacy Report Sample

## Definitions and Acronyms

| Acronym | Meaning | Description |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |

# Functional Design

## Assumptions

* The report will only extract the data for AR transactions having non-zero balance.

## Dependencies & prerequisites

* All the required Oracle Receivables configurations are complete.
* AR Invoices are created in Oracle Cloud Receivables.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S. No. | Setup Type | Setup Name | Existing in production/New | Configuration Workbook Name |
| 1 | Configuration | Receipt Method | New |  |
| 2 | Configuration | Bank, Branches and Bank Account | New |  |
| 3 | Configuration | Transaction Source, Transaction Type | New |  |
| 4 | Configuration | Adjustment Activity | New |  |
| 5 | Configuration | Receivable DFF | New |  |

## Report Details

|  |  |
| --- | --- |
| Report Name | Differences in the AR and Payment amount by attributes Report |
| Report Path | Custom Path |
| Report Schedule | Ad hoc |
| Report output Path | NA |
| Output Format | Excel |
| Report Owner | XXX |
| Estimated number of records | Around 20000 records per month |
| Report File Naming Convention | NA |
| Additional Comments | NA |

## Launch Parameters

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Parameter | Default Value | Mandatory/Optional |
| 1 | Business Unit | All | Mandatory |
| 3 | Invoice from date |  | Optional |
| 4 | Invoice to date |  | Optional |
| 5 | Customer Name |  | Optional |
| 6 | VIN |  | Optional |

## Key Logic

* The report should extract the Invoices where Invoice balance is not equal to zero along with sum of Receipt/Credit Applications and Adjustment amounts if any performed on the Invoices based on parameter combination entered by users.
* Various parameters required to run the report will have formats as mentioned below:
  + Parameter: Invoice from Date and Invoice to Date

Format: calendar

* + Parameter: Business Unit, Customer Name

Format: LOV and Ability to select multiple values

* + Parameter: VIN

Format: Comma separated values in free text format

* Amount related columns in report output should be in “Number Use 1000 Separator (,)" and date should be “DD-MON-YY” format.

## Data Selection and Sorting

* This Report shall run as per the parameters listed in functional specification and output of report will be limited based on the report parameters.
* The parameters will confine to the AAA Business Units(XXX).
* The report should fetch the details in the sequence sorted by VIN number followed by Original Recv, Payments and Net Recv.

## Data Mapping Layout



## Business Rules and Calculations

| Rule Type | Rule ID | Description | Comments |
| --- | --- | --- | --- |
|  |  |  |  |

## Grouping and Subtotal Requirements

| Ref | Feature description | Developer notes | Sign-off |
| --- | --- | --- | --- |
|  |  |  |  |

## Output Type and Destination

## Sample Report



## Common report formatting

| Sl No | Reporting Standards |
| --- | --- |
|  |  |

## Acceptance Criteria

## Test Scenarios

|  |  |  |  |
| --- | --- | --- | --- |
| S. No | Scenario | Parameters | Expected Result |
| 1 | Run the report with all mandatory parameters and check if data is populated in output. | All | Report output should be generated in Excel format as per the expected layout and required columns |
| 2 | Run the report with combination of different parameters | All | Report output should be generated in Excel format as per the expected layout and required columns for given combination of parameters |
| 3 | Run the report with combination of parameters for which data does not exist in Oracle | All | The report should display the text “\*\*\*\* no data found \*\*\*\*” |

# Technical Design Specifications

## Overview

The technical design document is intended to provide information on steps performed to extract the Invoices where Invoice balance is not equal to zero along with sum of Receipt/Credit Applications and Adjustment amounts. The report runs on ad-hoc basis.

## Detailed Report Design

1. BI Report will be scheduled using below parameters:

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Value | Mandatory | Comments |
| Business Unit | <Menu> | Yes | LOV |
| VIN | <Text> | No |  |
| Customer Name | <Menu> | No | LOV |
| From Date | <Date> | Yes |  |
| To Date | <Date> | Yes |  |

|  |  |
| --- | --- |
| **Report Design** | |
| **Report Path** | <Report Path> |
| **Report Name** | <RPTxxxx\_Report Name> |
| **Report Tool** | HCM Extract  BI Publisher  OTBI |
| **Output Format** |  |
| **Report Security Group** |  |
| Additional Information |  |

## BI Publisher Design

The BI report will extract data from Oracle tables by considering the input parameters and performing necessary validations.

| Sr. No | Custom Component Name | Path |
| --- | --- | --- |
| 1 | Data Model | Custom Path |
| 2 | Report | Custom Path |

|  |
| --- |
| **Report SQL** |
| <Attach the report SQL/PLSQL/Webservice> |

|  |
| --- |
| **Report Layout** |
|  |

Layout type: rtf

## OTBI Design

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

|  |  |  |
| --- | --- | --- |
| **Views** | | |
| **View Type** | **View Name** | **View Columns** |
|  |  | <list if applicable> |

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

|  |  |
| --- | --- |
| **Advanced Options** | |
| **Option Name** | **Option Details** |
|  |  |

# Technical Unit Test

| Sl No | Conditions to be tested | Parameters | Expected Result |
| --- | --- | --- | --- |
| 1 | Run the report with all mandatory parameters and check if data is populated in output. | All | Report output should be generated in Excel format as per the expected layout and required columns |
| 2 | Run the report with combination of different parameters | All | Report output should be generated in Excel format as per the expected layout and required columns for given combination of parameters |
| 3 | Run the report with combination of parameters for which data does not exist in Oracle | All | The report should display the text “\*\*\*\* no data found \*\*\*\*” |

# Migration Steps

* Unarchive .xdm file for the data model.
* Unarchive .xdo file for the report.
* Edit the unarchived report and attach the data model (if not done by default).

# Open and Closed Issues

## Open issues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl No | Question | Answer | Due Date | Owner |
|  |  |  |  |  |

## Closed issues

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

# Appendix