Oracle AP Exception Handling

Software Requirements Specification

For User Interface

Version <0.1>

Revision History

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Software Requirements Specification

# Introduction

## Purpose

The purpose of this Software Requirements Specification (SRS) is to define the requirements for the User Interface (UI) for handling Oracle AP exceptions. The SRS fully describes the external behavior of the application, it also describes nonfunctional requirements, design constraints, and other factors necessary to provide a complete and comprehensive description of the requirements for the software.

## Scope

The scope of this document includes the UI for the Oracle AP Exceptions project which includes six use cases, two functional requirements not associated with a use case and six non-functional requirements.

## Definitions, Acronyms, and Abbreviations

PS refers to the term Purchase Services. Purchase Services are tank wash records that come out of TMW for payment to a vendor

Oracle is the system of record for KAG Financial information

## Overview

This document will list out the use cases as well as any assumptions and dependencies of the UI. The document will go into detail on any other requirements that lead to functionality within the interface as well as any other non-functional constraints in regards to the user interfaces design, development, deployment and usability.

# Overall Description

## Use-Case Model Survey

### Use Case Diagram



See Use Cases and descriptions below in Use Case Reports.

Actors included in the use case diagram include the AP clerk who will interact directly with the UI, the KAG Staging table which will be what the UI outputs to as well as what the automated exception handling process will update and the Oracle system which the automated exception handling process will utilize for comparison.

## Assumptions and Dependencies

The UI will depend on the Oracle AP transfer process running on the hour from 7am to 4pm daily.

# Specific Functional Requirements

## Use-Case Reports

*UC001- Use-Case Specification: Authenticate User*

User Authentication is a pre-requisite to Duplicate Issues, Vendor Issues, Month Open and Rejected Inv Type\Amt use cases, it defines how a user is authenticated to modify the records for each of these issues and their credentials to access the site

*UC002- Use-Case Specification: Duplicate Issues*

Duplicate Issues accommodates the businesses need to identify duplicate records and push thru duplicates if they are deemed necessary for payment. This use case includes data requirements for the entire UI.

*UC003- Use-Case Specification: Vendor Issues*

Vendor Issues accommodates the business need to correct vendors if they are missing, invalid or incorrect

*UC004- Use-Case Specification: In-Process Records*

In-Process Records is an automated process which happens when In-Process records are identified in the Oracle AP Transfer process after a batch has been processed

*UC005- Use-Case Specification: Month Open*

Month Open accommodates batches that fail when the month in Oracle has not yet been opened.

*UC006- Use-Case Specification: Rejected Inv Type\Amt*

Rejected Inv Type\Amt accommodates invoices that are rejected due to the type of invoice being transferred, for instance a negative invoice not being sent over as a credit.

## Supplementary Requirements

### User notification

Users will need notification when an error requires their attention, email most common but may be in another form

### Historical information

Users will need to be able to backtrack into changes that were made for historical purposes if they need to see why something didn’t process for instance because it was marked as a duplicate and who marked it as a duplicate and when it was marked as a duplicate. This should be stored in the database as an audit log table and readily accessible via a report.

Data Requirements include:

Vendor Invoice #

Vendor id (before\after)

Notes added

Reason for kick out

Date submitted

User submitted

# Non-Functional Requirements

## Design Constraints

### Replicate the Exceptions in APR status website in Purchase Service Approval

The user requested that we keep the same information in the same format as this webapp currently in use for PS records. (<http://webapps.thekag.com/SPGPurchaseServApproval/ExceptionRec>)

## Online User Documentation and Help System Requirements

User guides created and documented for basic use going forward.

Helpdesk documents created and documented for basic use going forward

## Interfaces

### Software Interfaces

The UI will interact with Oracle via ODP.net

The UI will interact with the KAG Staging tables

## Expandability

The UI should include the ability to plug and play other branches of Oracle issues in the future including but not limited to TMT issues, Broker issues, and AR issues.

The UI should become the model for all KAG data entry websites for the future of thekag.com webapps. Keeping in mind user friendly data entry, audit perspectives, security restrictions/access and the potential for other incoming and outgoing data sources.