AIM

MD.050 Application Extensions Functional Design

<Company Long Name>

<Subject>

Author: <Author>

Creation Date: April 24, 1999

Last Updated: June 2, 1999

Document Ref: <Document Reference Number>

Version: DRAFT 1A

1. **Title, Subject, Last Updated Date, Reference Number**, **and** **Version** are marked by a Word Bookmark so that they can be easily reproduced in the header and footer of documents. When you change any of these values, be careful not to accidentally delete the bookmark. **You can make bookmarks visible by selecting Tools->Options…View and checking the Bookmarks option in the Show region.**

**Approvals:**

|  |  |
| --- | --- |
| <Approver 1> |  |
| <Approver 2> |  |

1. To add additional approval lines, press [Tab] from the last cell in the table above.

 Copy Number \_\_\_\_\_

1. You can delete any elements of this cover page that you do not need for your document. For example, Copy Number is only required if this is a controlled document and you need to track each copy that you distribute.

## Document Control

**Change Record**

4

| Date | Author | Version | Change Reference |
| --- | --- | --- | --- |
|  |  |  |  |
| 24-Apr-99 | <Author> | Draft 1a | No Previous Document |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Reviewers**

| Name | Position |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**Distribution**

| Copy No. | Name | Location |
| --- | --- | --- |
|  |  |  |
|  | Library Master | Project Library |
|  |  | Project Manager |
|  |  |  |
|  |  |  |

1. The copy numbers referenced above should be written into the **Copy Number** space on the cover of each distributed copy. If the document is not controlled, you can delete this table, the Note To Holders, and the **Copy Number** label from the cover page.

**Note To Holders:**

If you receive an electronic copy of this document and print it out, please write your name on the equivalent of the cover page, for document control purposes.

If you receive a hard copy of this document, please write your name on the front cover, for document control purposes.

Contents

Document Control

Topical Essay

Basic Business Needs

Major Features

Definitions

User Procedures

Examples

Business Rules

Assumptions

Century Date Compliance

Form and Report Descriptions

<Form Title> - Form Description

<Form Title> Form

Prerequisites

<Zone 1 name> Zone

<Zone 2 name> Zone

<Report Title> - Report Description

<Report Title>

Report Parameters

Report Headings

Column Headings

Concurrent Program Description

When to Run the Program

Launch Parameters

Business Rules Implemented

Log Output

Restart Procedures

Technical Overview

Open and Closed Issues for this Deliverable

Open Issues

Closed Issues

1. To update the table of contents, put the cursor anywhere in the table and press [F9]. To change the number of levels displayed, select the menu option Insert‑>Index and Tables, make sure the Table of Contents tab is active, and change the Number of Levels to a new value.

## Topical Essay

1. If you use a user-friendly name for this customization as the replacement for <Subject>, the following paragraphs will default nicely.

<Subject> allows you to...

<Subject> contains:

1. <Component Name> Form
2. <Component Name> concurrent program

### Basic Business Needs

<Subject> provides you with the features you need to satisfy the following basic business needs. You will be able to address the following:

1. <Business need 1>
2. <Business need 2>

### Major Features

#### <Feature Name 1>

<Description of feature>

#### <Feature Name 2>

<Description of feature>

### Definitions

#### <Unique Term>

<Definition>

### User Procedures

1. Replace <Step 1> and <Step 2> with actual instructions below. Add steps to the bullet list and then add a Heading 4 below to describe the step in more detail.

In order to <do what this feature does>, you must perform the following steps:

1. <Step 1>
2. <Step 2>

Each of these steps is described in more detail below.

#### <Step 1>

<Detailed description of first step>

#### <Step 2>

<Detailed description of second step>

### Examples

1. Include examples with actual data to help the reader understand the functionality and flow.

### Business Rules

1. Define specific business rules that the customization must provide. These rules can form the basis of a user acceptance test.

### Assumptions

This design assumes that the following statements are true:

### Century Date Compliance

In the past, two character date coding was an acceptable convention due to perceived costs associated with the additional disk and memory storage requirements of full four character date encoding. As the year 2000 approached, it became evident that a full four character coding scheme was more appropriate.

In the context of the Application Implementation Method (AIM), the convention Century Date or C/Date support rather than Year2000 or Y2K support is used. Coding for any future Century Date is now considered the modern business and technical convention.

Every applications implementation team needs to consider the impact of the century date on their implementation project. As part of the implementation effort, all customizations, legacy data conversions, and custom interfaces need to be reviewed for Century Date compliance.

When designing and building application extensions, it is essential that all dates be entered, stored, and processed using the full four digit year for compliance with Century Date standards. In the case of custom interfaces, both the program code and imported legacy or third-party application data must be checked for compliance with Century Date standards.

## Form and Report Descriptions

The following defines the form and report elements of <Subject> customization:

### <Form Title> - Form Description

1. Create mockups of the forms using a graphic or design tool. You can use embedded objects as well as screen hardcopies.

### <Form Title> Form

Use this form to ...

### Prerequisites

Before you can use this form you must perform the following:

1. <step 1>
2. <step 2>

### <Zone 1 name> Zone

Use this zone to...

1. For each field, use the center and right tabs to enter additional information about the field.

Include in the parenthesized list one or more of the following:
 Optional
 Required
 Default
 Display Only
 List of Values (LOV) source

#### Field 1 (Optional, LOV source) HELP

Enter...

#### Field 2 (Display only) HELP

<Custom Application Name> displays ...

### <Zone 2 name> Zone

#### Field 3 (Required, Default) EDIT ZOOM PICK HELP

Choose one of the following options:

**First Option** Description of first option.

**Second Option** Description of second option. <Custom Application Name> displays this option as the default.

1. Use the Hanging Indent style or choose Insert List Table from the OM menu (if the first column must wrap)

### <Report Title> - Report Description

.........1.........2.........3.........4.........5.........6.........7.........8

.........1.........2.........3.........4.........5.........6.........7.........8.........9.........0.........1.........2.........3..

.........1.........2.........3.........4.........5.........6.........7.........8.........9.........0.........1.........2.........3.........4.........5.........6.........7.........8

1. Change the style to tty132 or tty180 for landscape and wide landscape reports. Use zoom = 200% to edit 132 or 180 column report samples.

Delete the alignment scales that you don’t need.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

<Company Long Name> Date: 01-Jan-92

<Left Title> <Report Title> Page: 1

 <Report Sub-Title>

Heading 1 Heading 2

--------- ----------

<sample data here>

 \*\*\* End of Report - <Report Title> \*\*\*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### <Report Title>

Use the <Report Title> report to ...

### Report Parameters

You run the <Report Title> report from the Standard Report Submission form. Enter the following parameters specify the desired reporting options.

#### Parameter 1 (Required, Default) PICK

Select one of the following values:

**Option 1** Description.

**Option 2** Description

#### Parameter 2 (Optional)

Enter...

### Report Headings

#### <Company Long Name>

<Custom Application Name> prints the name of the organization running the report.

#### Date:

<Custom Application Name> prints the date and time that it ran the report. The date is in DD-Mon-YY format and the time is in 24-hour format.

#### <Left Title>

<Custom Application Name> prints <whatever this is used for on this report>.

#### <Report Title>

<Custom Application Name> prints the name of the report

#### <Report Sub-Title>

<Custom Application Name> prints <whatever this indicates>.

#### Page:

<Custom Application Name> prints the page number for each page of the report.

### Column Headings

#### Heading 1

<Custom Application Name> prints...

1. Include a description of each column or label on the report. Provide enough detail so that a user of the report can understand how the data is derived.

## Concurrent Program Description

The <Component Name> concurrent program is needed to …

1. Provide a description of the concurrent program associated with <Subject> customization and include the supplemental information below. If no concurrent program (other than reports addressed above) are included in the customization, then delete this section.

### When to Run the Program

<Component Name> concurrent program should be run when…

### Launch Parameters

Launch parameters for the <Component Name> concurrent program include:

### Business Rules Implemented

The business rule implemented by <Component Name> concurrent program is…

### Log Output

The log output consists of ….

### Restart Procedures

Restart procedures for <Component Name> concurrent program are as follows:

## Technical Overview

1. Use this section to describe the technical approach, high-level algorithms, process flows, etc. Discuss possible solutions to technical challenges. The detailed designs for forms and programs will provide the details for the general overview presented here.

#### Considerations

If any Oracle Manufacturing tables change in future versions of Oracle Manufacturing, components of this customization may also require changes to work correctly. Evaluating the impact of such changes on custom programming is the responsibility of the company, although additional consulting services can be contracted to assist prior to upgrading.

## Open and Closed Issues for this Deliverable

1. Add open issues that you identify while writing or reviewing this document to the open issues section. As you resolve issues, move them to the closed issues section and keep the issue ID the same. Include an explanation of the resolution.

When this deliverable is complete, any open issues should be transferred to the project- or process-level Risk and Issue Log (PJM.CR.040) and managed using a project level Risk and Issue Form (PJM.CR.040). In addition, the open items should remain in the open issues section of this deliverable, but flagged in the resolution column as being transferred.

### Open Issues

| ID | Issue | Resolution | Responsibility | Target Date | Impact Date |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

### Closed Issues

| ID | Issue | Resolution | Responsibility | Target Date | Impact Date |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |