FEI Systems

Connecting Every Dimension of
Health and Human Services

FASAMS Requirements Document

OZ Recommendations Enhancement part 2 (11517)

Created by: Jesse Lindsey

Dated: 11/14/2019

CONTENTS

GENERAL

VERSION CONTROL

Date	Version	Author(s)	Brief Description of Change
11/14/2019	1.0	Jesse Lindsey	Initial document creation
11/20/2019	1.1	Jesse Lindsey	Updated document
11/27/2019	1.2	Jesse Lindsey	Updated doc with DCF requested changes and add estimates
12/13/2019	1.3	Jesse Lindsey	Removed the word "change" from new rules per Jonathan's request

STAKEHOLDERS

Role	Name
FEI Implementation Manager	Jesse Lindsey
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DCF SAMH Project Director	Nathan McPherson
DCF SAMH Project Sponsor	Jonathan Hall
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TERMS AND DEFINITIONS

Terms	Description

SCOPE

INITIAL REQUEST & ASSUMPTIONS

Business Statement

FASAMS users need the ability to submit transfer admission with more ease and fewer required fields. They also require their uploaded files to process as quickly as possible via performance increases to the system.

Scope Definition

The following items will be completed with this enhancement:

- Update Treatment Episode rules to make Transfer Admissions easier to submit
- Performance improvements to increase job processing speeds

EXISTING FUNCTIONALITY

FASAMS currently has the following rules in the system:

- Admission Must Have Outcome Measure Rule
- Discharge Must Have Outcome Measure Rule

PROPOSED FUNCTIONALITY

- Update rules to make Transfer Admissions easier to submit:
  - Split the "Admission Must Have Outcome Measure Rule" into two rules
    - One for Initial Admission and one for Treatment Setting Admission
  - Split the "Discharge Must Have Outcome Measure Rule" into two rules
    - One for Final Discharge and one for Treatment Setting Discharge
- Performance improvements to file processing
  - Identify slow areas of FASAMS via system trace
    - Identify caching options and apply caching where possible
    - Convert lists to hash sets where applicable
    - Reconfigure system memory manage

INITIAL ESTIMATE/ QUOTE HISTORY

Phase/ Quote Date	Item(s)	Description	Estimate/ Quote
11/27/2019	11517	Initial Estimate	90 - 180
11/27/2019	11517	Final Estimate	**Final Estimate:** Dev -- 88 Test -- 60 Analysis -- 24 AM/PM --12 Total: 184

REQUIREMENTS

1. UPDATE TREATMENT EPISODE RULES

Req. ID	Requirement	Ref. ID	Dev	QA
1.1	Split the "Admission Must Have Outcome Measure Rule" into two rules		☐	☐
1.1.1	Rule name: "Initial Admission Must Have Outcome Measure Rule" • Rule requires that a Performance Outcome Measure must be submitted with an Initial Admission			
1.1.2	Rule name: "Treatment Setting Admission Must Have Outcome Measure Rule" • Rule requires that a Performance Outcome Measure must be submitted with a Transfer Admission ○ Note: this rule can be turned off to assist MEs with the submission of Transfer Admissions			
1.2	Split the "Discharge Must Have Single Outcome Measure Rule" into two rules		☐	☐
1.2.1	Rule name: "Final Discharge Must Have Outcome Measure Rule" • Rule requires that a Performance Outcome Measure must be submitted with a Final Discharge		☐	☐
1.2.2	Rule name: "Treatment Setting Discharge Must Have Outcome Measure Rule"		☐	☐

Req. ID	Requirement	Ref. ID	Dev	QA
	• Rule requires that a Performance Outcome Measure must be submitted with a Transfer Discharge o Note: this rule can be turned off to assist MEs with the submission of Transfer Admissions			

2. PERFORMANCE IMPROVEMENTS TO INCREASE JOB PROCESSING SPEEDS

Req. ID	Requirement	Ref. ID	Dev	QA
2.1	Run trace on system to identify slowness in system		☐	☐
2.1.1	Fix areas of slowness • Identify caching options and apply caching where possible • Convert lists to hash sets where applicable • Reconfigure system memory manage		☐	☐
Testing Note:	Perform full regression test on entire system after performance changes are made			