FASAMS Requirements Document

Create FASAMS Version submission rules WI 404193

Created by: Jesse Lindsey

Dated: 11/18/2020

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# General

## Version Control

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| --- | --- | --- | --- |
| Date | Version | Author(s) | Brief Description of Change |
| 11/18/2020 | 1.0 | Jesse Lindsey | Initial document creation |
| 11/23/2020 | 1.1 | Jesse Lindsey | Update doc with Dev input |
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## Stakeholders

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| Role | Name |
| FEI Implementation Manager | Jesse Lindsey |
| FEI Account Manager | Kory Schnoor |
| FEI Product Manager | Jessica Knott |
| DCF OITS Project Director | Nathan McPherson |
| DCF SAMH Project Sponsor | Jonathan Hall |
| DCF Business Analysts | Gregory Nix / Victor Gaines |

## Supporting Documents and References

## Terms and Definitions

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| Terms | Description |
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# Scope

## Initial Request & Assumptions

### Business Statement

DCF needs a way to prevent Provider data from being submitted into multiple vesrions of FASAMS simultaneously. New rules are required that will prevent Provider data from getting into the system in an earlier version of FASAMS if a later version of FASAMS has already been submitted.

### Scope Definition

FEI will develop a new rule at the root entity level of each data set in FASAMS(16 rules in total). The rules will prevent the submission of a record for the specific data set if the SubmittingEntity-Provider combination has already submitted records in a later version of FASAMS for that specific data set.

### Assumptions, Constraints, Dependencies

## Existing Functionality

FASAMS currently allows a submitting entity-provider-data set combination to submit data to both version 13 and version 14.

## Proposed Functionality

FASAMS will reject records submitted by a SubmittingEntity-Provider combination if the record is not the latest version of the data set submitted by the SE-Provider combo.

## Initial Estimate/ Quote History

|  |  |  |  |
| --- | --- | --- | --- |
| Phase/ Quote Date | Item(s) | Description | Estimate/ Quote |
|  | 404193 | Initial Estimate |  |
|  | 404193 | Final Estimate | **Final Estimate:**Analysis - 24Dev – 40Test - 48Acct / Project Management - 10**Total - 122** |

# Requirements

## Notes to Developer

The new “Latest Version Submitted Required Rules” will reject records within an entire data set if the Submitting Entity-Provider combination has submitted a later version of FASAMS (i.e. if a SE-Provider combo has submitted Client records in version 14 then all Client records submitted in version 13 will be rejected for the SE-Provider combo). A new table will be created named “Provider Version Data Set” table, which will identiy the latest version of FASAMS submitted for each Data Set for Submitting Entity-Provider combo. The Job Processor will be updated to check the “Provider Version Data Set” table prior to processing a record to confirm the latest data set version submitted by the SE-Provider. If the version of the record submitted is older than the latest version then the record will be rejected based on the new rules. Once a record has processed, the Job Processor will update the “Provider Version Data Set” table if the data set version submitted is a later version for the SE-provider combo. Additioanlly, if a Delete is subsmitted then the post processing step will assess if any records exist for the SE-Provider-DataSet combination. If not, then the Provider Version Data Set table will revert to the prior FASAMS Version (i.e. if all ProviderClient V14 records are deleted, then the table will update to show Version 13)

## Create Provider Version Data Set table

| Req. ID | Requirement | Ref. ID | Dev | QA |
| --- | --- | --- | --- | --- |
| 1.0 | Create Provider Version Data set table |  |  |  |
| 1.1 | Columns:* Submitting Entity
* Provider
* Data Set
* Current Version
	+ Will display the latest version submitted for the SubmittingEntity-Provider-DataSet combination
* Any other columns identified as necessary by the dev team
	+ This document will be updated once table columns are finalized
 |  |  |  |
| 1.2 | As new SubmittingEntity-Provider-DataSet combinations are submitted, new rows will be implemented |  |  |  |

## Create Rules to prevent prior version submissions

Note: the rules created will prevent the submission of records for a Submitting Entity-Provider combination for a specific data set. So, if a Version 14 Treatment Episode has been submitted for a specific SE-Provider-dataset combo then any Version 13 Treatment Episode records will be rejected based on these new business rules.

| Req. ID | Requirement | Ref. ID | Dev | QA |
| --- | --- | --- | --- | --- |
| 2.0 | Create Provider rules for V13 and V14 under Provider entity.* V13 rule: “Latest Version Submitted Required Rule”
	+ Error message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.

Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”* V14 rule: “Latest Version Submitted Required Rule”
	+ Erro message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.

Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.” |  |[ ] [ ]
| 2.1 | Create ProviderClient rules for V13 and V14 under Client entity* V13 rule: “Latest Version Submitted Required Rule”
	+ Error message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.

Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”* V14 rule: “Latest Version Submitted Required Rule”
	+ Erro message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.
* Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”
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| 2.2 | Create TreatmentEpisode rules for V13 and V14 under TreatmentEpisode entity* V13 rule: “Latest Version Submitted Required Rule”
	+ Error message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.

Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”* V14 rule: “Latest Version Submitted Required Rule”
	+ Erro message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.
* Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”
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| 2.3 | Create Service Event rules for V13 and V14 under ServiceEvent entity* V13 rule: “Latest Version Submitted Required Rule”
	+ Error message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.

Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”* V14 rule: “Latest Version Submitted Required Rule”
	+ Erro message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.
* Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”
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| 2.4 | Create WaitingList rules for V13 and V14 under WaitingList entity* V13 rule: “Latest Version Submitted Required Rule”
	+ Error message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.

Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”* V14 rule: “Latest Version Submitted Required Rule”
	+ Erro message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.
* Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”
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| 2.5 | Create AcuteCare rules for V13 and V14 under BedCapacity entity* V13 rule: “Latest Version Submitted Required Rule”
	+ Error message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.

Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”* V14 rule: “Latest Version Submitted Required Rule”
	+ Erro message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.
* Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”
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| 2.6 | Create Subcontract rules for V13 and V14 under Subcontract entity* V13 rule: “Latest Version Submitted Required Rule”
	+ Error message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.

Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”* V14 rule: “Latest Version Submitted Required Rule”
	+ Erro message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-Provider-DataSet combination is currently on a more recent version of FASAMS.
* Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”
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| 2.7 | Create ContractTarget rules for V13 and V14 under ContractTarget entity* V13 rule: “Latest Version Submitted Required Rule”
	+ Error message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-DataSet combination is currently on a more recent version of FASAMS.

Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-Provider-DataSet combination.”* V14 rule: “Latest Version Submitted Required Rule”
	+ Erro message: “The record submitted is in a previous version of FASAMS. The SubmittingEntity-DataSet combination is currently on a more recent version of FASAMS.
* Root Cause: Resubmit the record in the correct FASAMS Version for the SubmittingEntity-DataSet combination.”
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## Update Job Processor

| Req. ID | Requirement | Ref. ID | Dev | QA |
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| 3.0 | Update job processor to validate new rules against the “Provider Version Data Set” table* If the “Latest Version Submitted Required Rule” fails, reject record.
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| 3.1 | Add post-processing step to Job Processor to update the “Provider Version Data Set” table if the data set version submitted is a later version for the SE-provider combo.* If a Delete is subsmitted then:
	+ The post processing step will assess if any records exist for the SE-Provider-DataSet combination. If not, then the Provider Version Data Set table will revert to the prior FASAMS Version (i.e. if all ProviderClient V14 records are deleted, then the table will update to show Version 13)
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