Learning Objectives

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By the end of this session, you will understand:

- What are Criteria
- Who manages Criteria
- How can Criteria be Created/Modified

Criteria

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- Criteria is a condition or conditions on which a Rule is based. Sentinel triggers an action only when the criteria for the Rule has been satisfied.

Criteria

- In the Sentinel Rules Engine, rules are composed of Criteria.
- An action is triggered only when the Criteria specified for the Rule has been satisfied.
  - Features of Criteria:
    - Can be created and modified by the client
    - Has an entity, attribute, logical operator, and a value to compare with
    - Can be created with a single value or range of values
      - Single value = Static
      - Range of Values = Reference Table
    - Any number of criteria can be assigned to a single Rule.

Understanding the Elements of Criteria

Elements of Criteria:

- Criteria Title
- Criteria Description
- Rule Type
- Criteria Type
- Entity
- Entity Attribute
- Operator

Elements of Criteria

- Rule Type: Defines if the Rule is Constraint Satisfaction or Identification.
  - Constraint satisfaction rules: run on a single episode or single member.
  - Identification rules: run against the entire member population or episodes in Jiva.
    SRE acts as a search engine identifying and listing the entities based on the search criteria.

Elements of Criteria

- Criteria Title is a free text field that allows the user to label the Criteria being created.
- It is important to maintain uniformity when creating the title.
    - Example: Entity + Attribute + Operator + Value
    - Member Age greater than 25

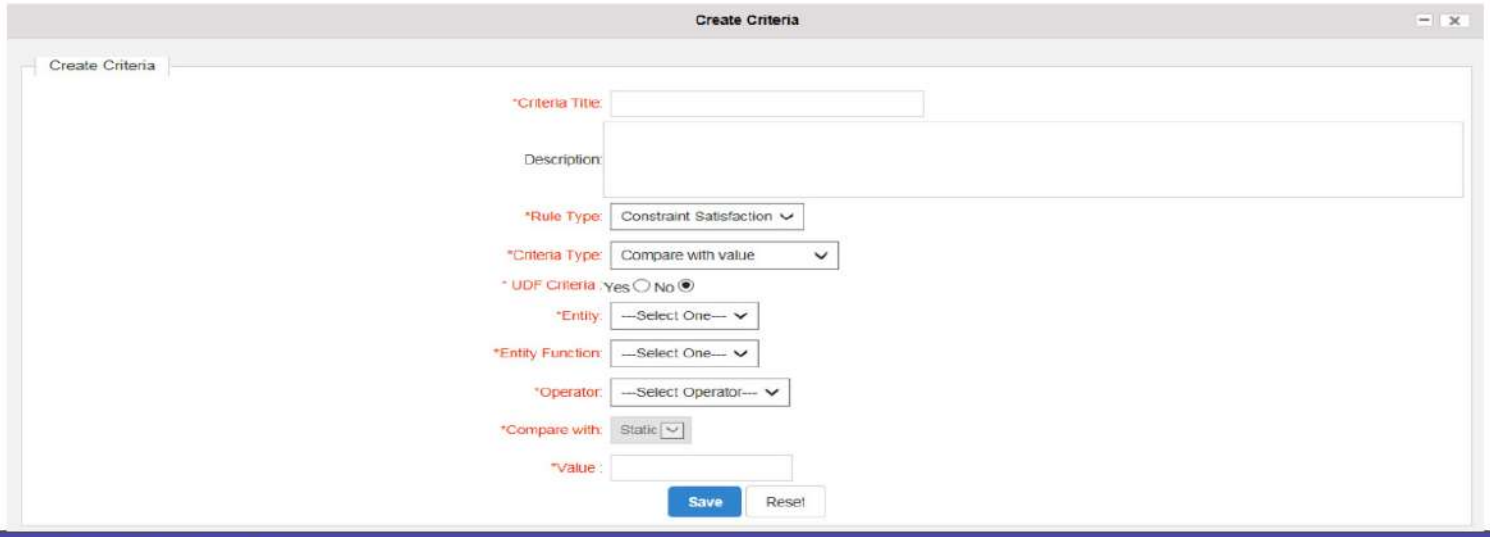
- Criteria Description allows the user to provide a brief description of the Criteria being created in a free text format.

Elements of Criteria

- Available Criteria Types include:
  - **Compare with Value** – Compares the value entered with the current static value
  - **True/False** – Criteria is evaluated as being true or false
  - **Date/Time Comparison** – uses a Date/Time comparison for a look back period
  - **Look up in Decision Table** – Compares the value with the value provided in the Decision Table, used with a unique combination of values
  - **Look up in Reference Table** – Compares the value with the value in the Reference Table, used when a range of values is provided

Elements of Criteria

- Depending on the Criteria Type selected, additional fields will appear.



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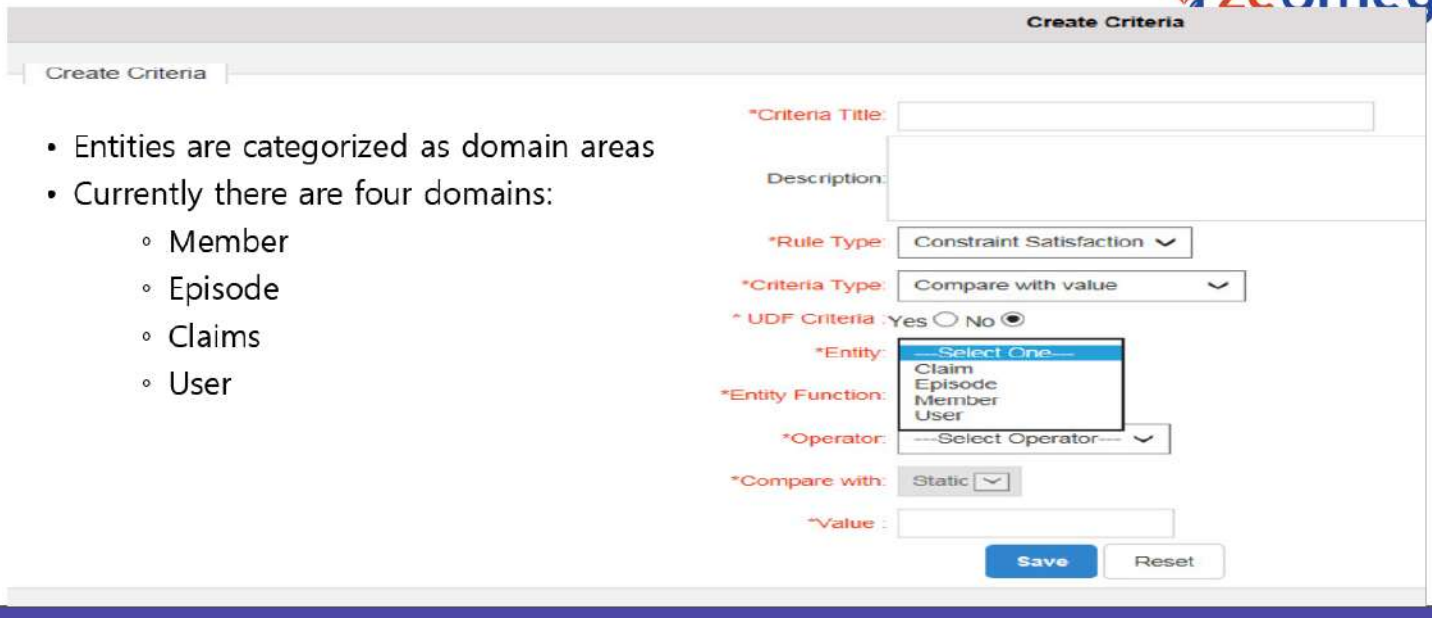
Elements of Criteria

- Entities are categorized as domain areas
- Currently there are four domains:
  - Member
  - Episode
  - Claims
  - User



Elements of Criteria

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- An Operator must be selected to validate the criteria.

Criteria Type	Operator values
Compare with value	=, <=, >=, !=, <, >, In, not in, like, not like, between
True False	No Operator
Custom	No Operator
Date/Time Comparison	Between
Look up in Reference Table	Exists in
Look up in Decision Table	=, !=, >, >=, <, <=, cell_op, cell_op_logical

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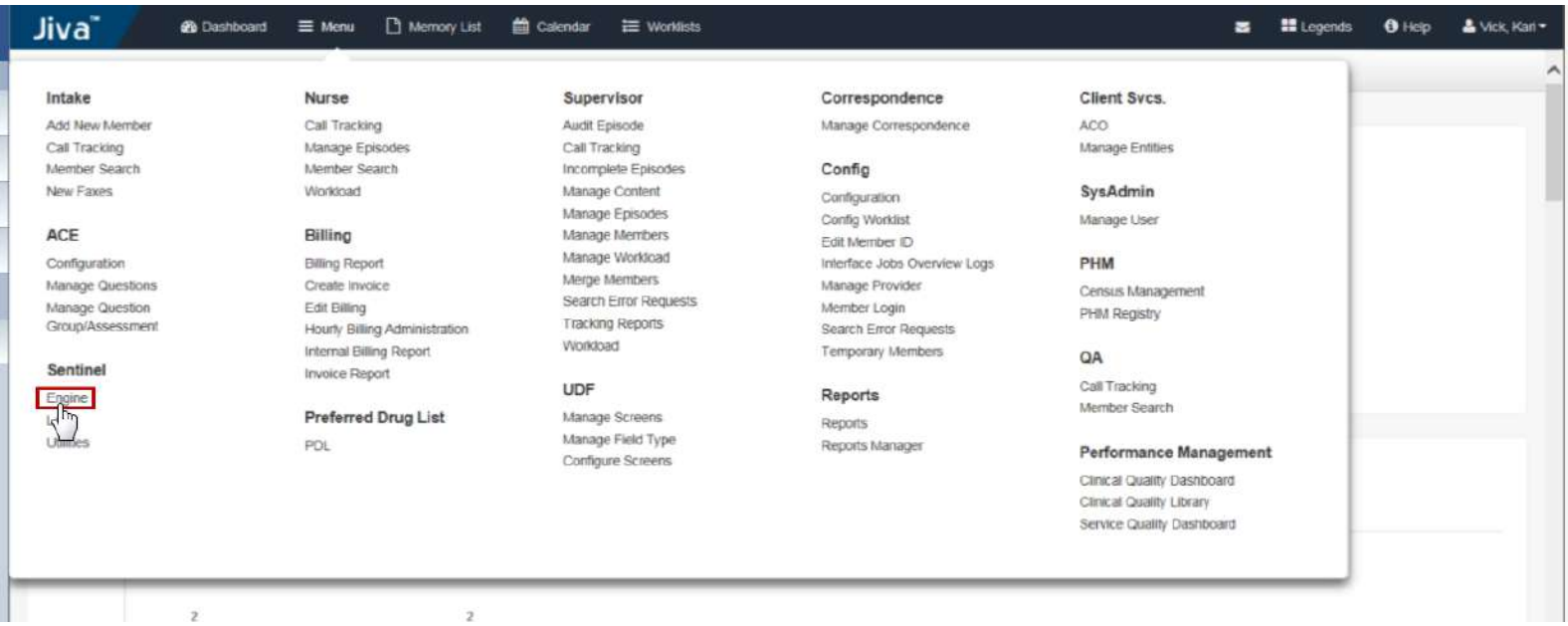
Searching Criteria


Jiva
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Vick, Kari
Intake
Add New Member
Call Tracking
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New Faxes
ACE
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Manage Question Group/Assessment
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Internal Billing Report
Invoice Report
Preferred Drug List
PDL
Supervisor
Audit Episode
Call Tracking
Incomplete Episodes
Manage Content
Manage Episodes
Manage Members
Manage Workload
Merge Members
Search Error Requests
Tracking Reports
Workload
UDF
Manage Screens
Manage Field Type
Configure Screens
Correspondence
Manage Correspondence
Config
Configuration
Config Worklist
Edit Member ID
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Manage Provider
Member Login
Search Error Requests
Temporary Members
Reports
Reports
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ACO
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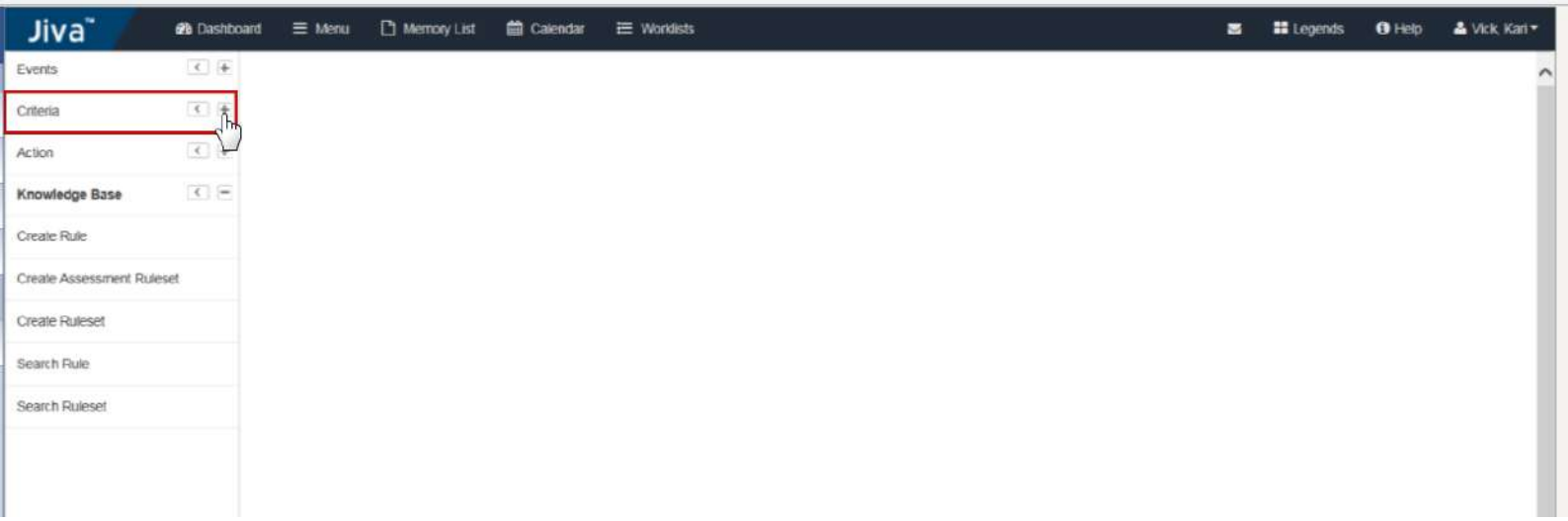
Census Management
PHM Registry
QA
Call Tracking
Member Search
Performance Management
Clinical Quality Dashboard
Clinical Quality Library
Service Quality Dashboard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Create Rule
Create Assessment Ruleset
Create Ruleset
Search Rule
Search Ruleset

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Upload / Modify Reference Table
Upload / Modify Decision Table
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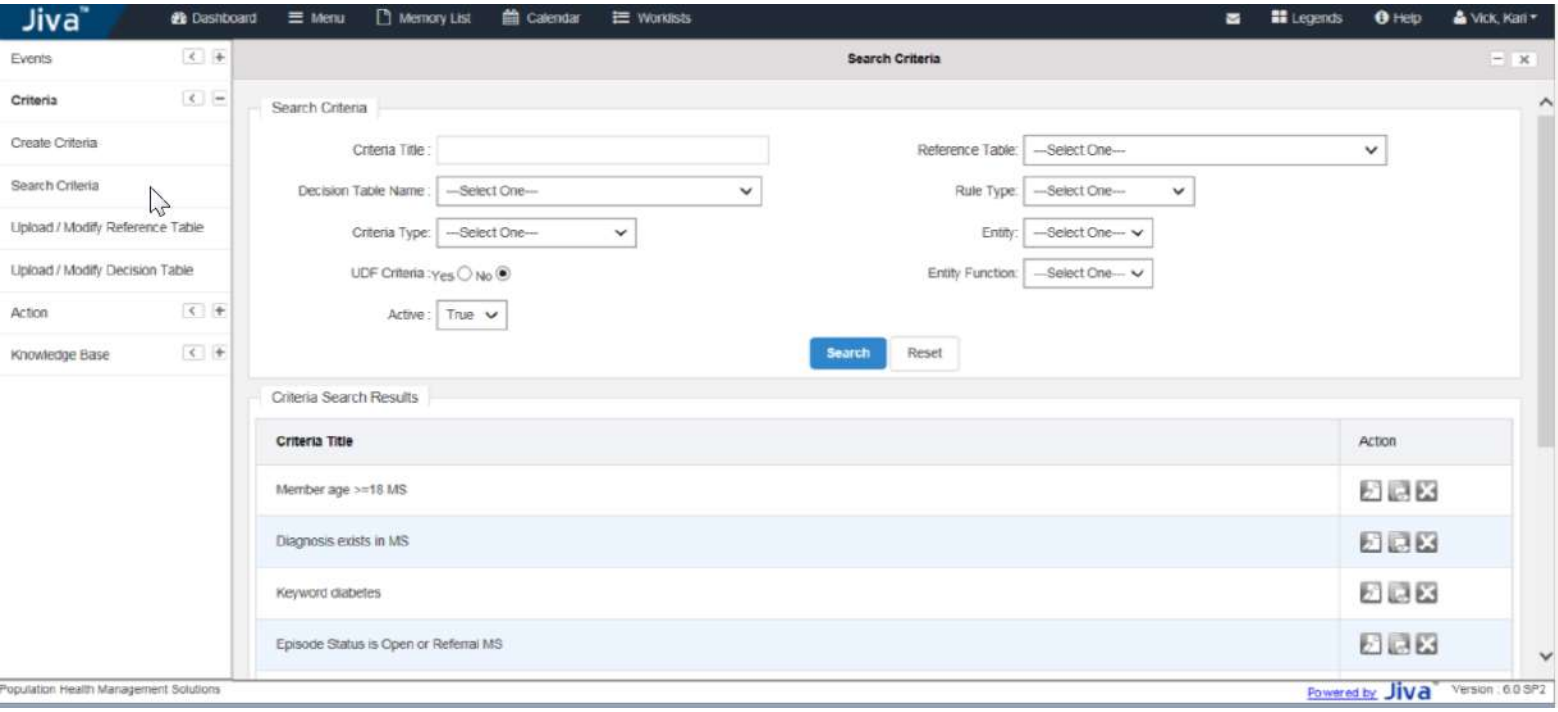
Knowledge Base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Search Criteria
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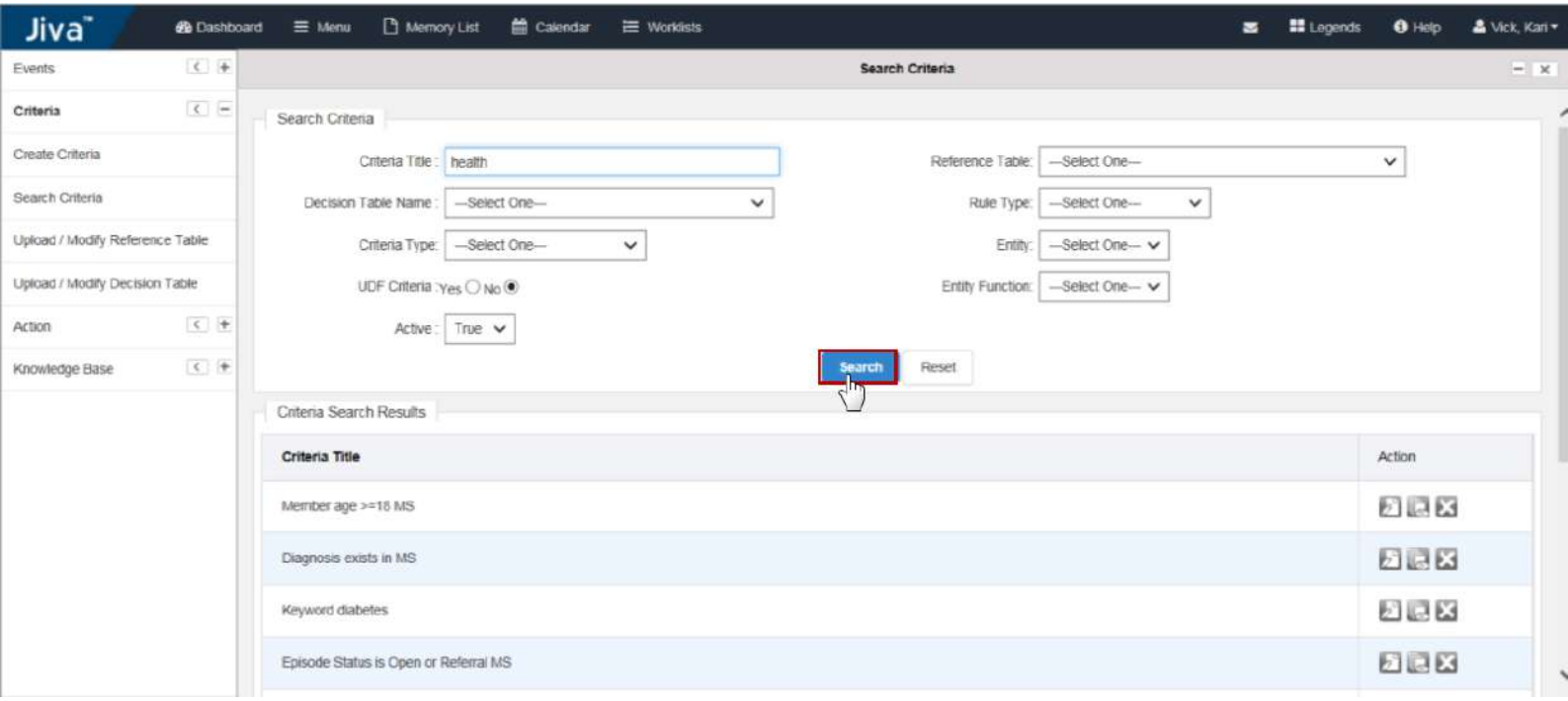
Upload / Modify Decision Table
Action
Knowledge Base
Search Criteria
Search Criteria
Criteria Title :
Decision Table Name :
—Select One—
Criteria Type:
—Select One—
UDF Criteria : Yes No
Active :
True
Reference Table:
—Select One—
Rule Type:
—Select One—
Entity:
—Select One—
Entity Function:
—Select One—
Search
Reset
Criteria Search Results
Criteria Title
Action
Member age >=18 MS
Diagnosis exists in MS
Keyword diabetes
Episode Status is Open or Referral MS
Population Health Management Solutions
Powered by Jiva
Version : 6.0 SP2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Search Criteria
Upload / Modify Reference Table
Upload / Modify Decision Table
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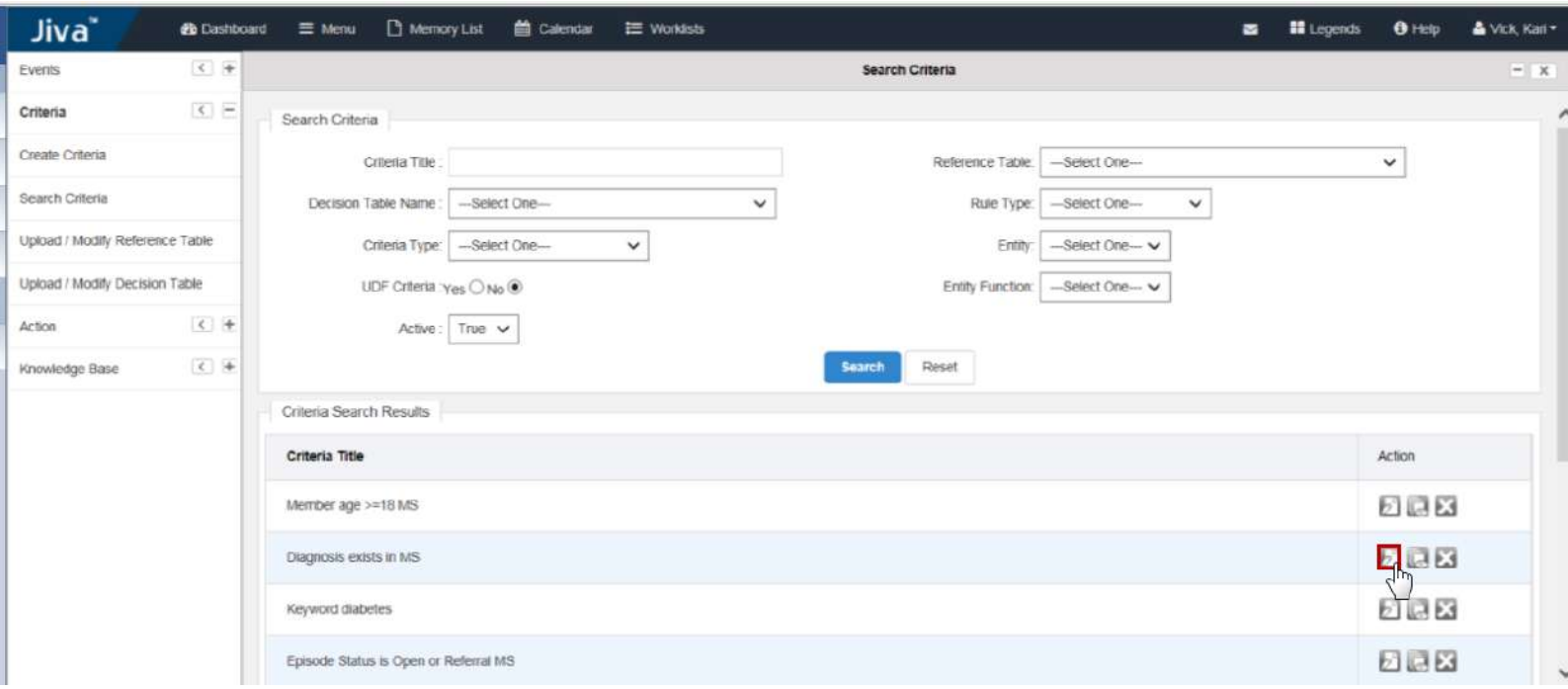
Knowledge Base
Search Criteria
Search Criteria
Criteria Title : health
Decision Table Name : —Select One—
Criteria Type: —Select One—
UDF Criteria : Yes No
Active : True
Reference Table: —Select One—
Rule Type: —Select One—
Entity: —Select One—
Entity Function: —Select One—
Search
Reset
Criteria Search Results
Criteria Title
Action
Member age >=18 MS
Diagnosis exists in MS
Keyword diabetes
Episode Status is Open or Referral MS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Search Criteria
Search Criteria
Criteria Title :
Decision Table Name :
---Select One---
Criteria Type:
---Select One---
UDF Criteria :
Yes
No
Active :
True
Reference Table:
---Select One---
Rule Type:
---Select One---
Entity:
---Select One---
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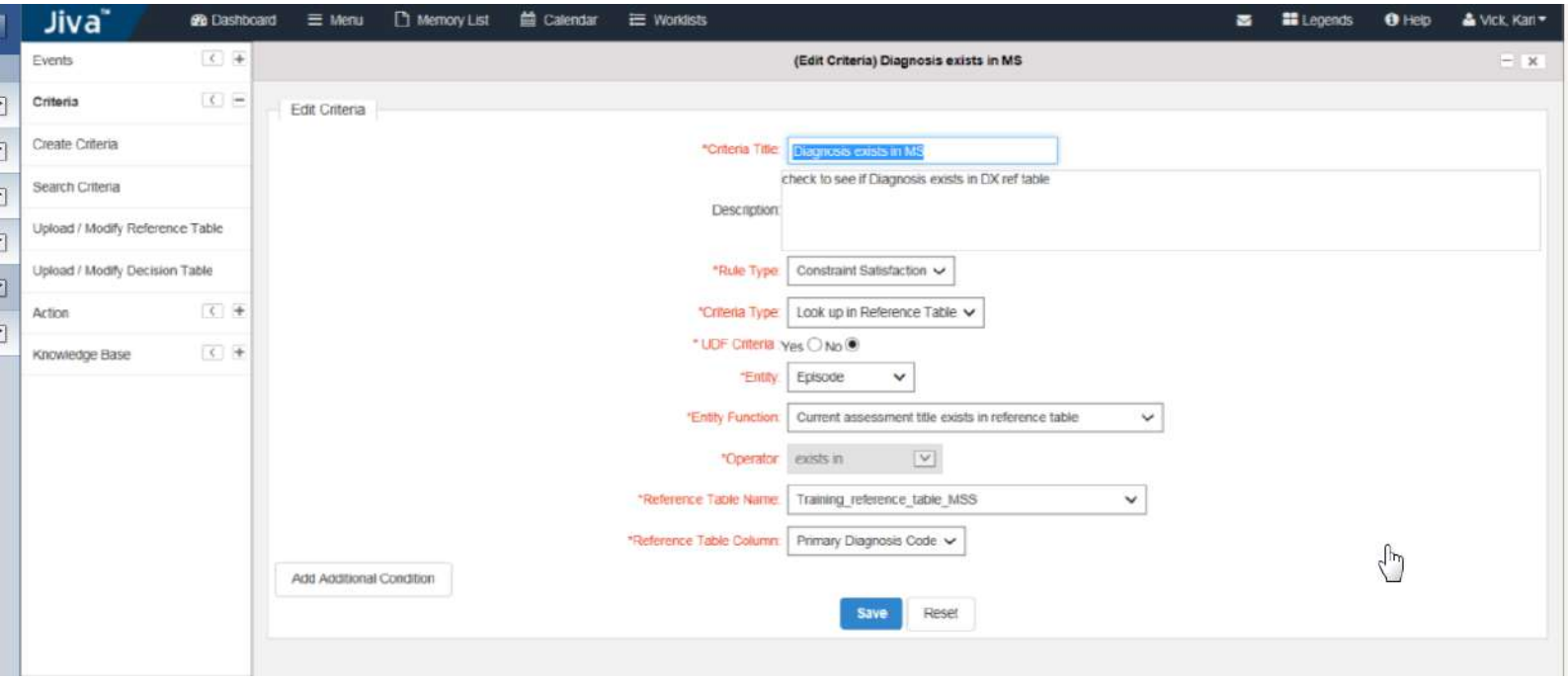
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Search Criteria
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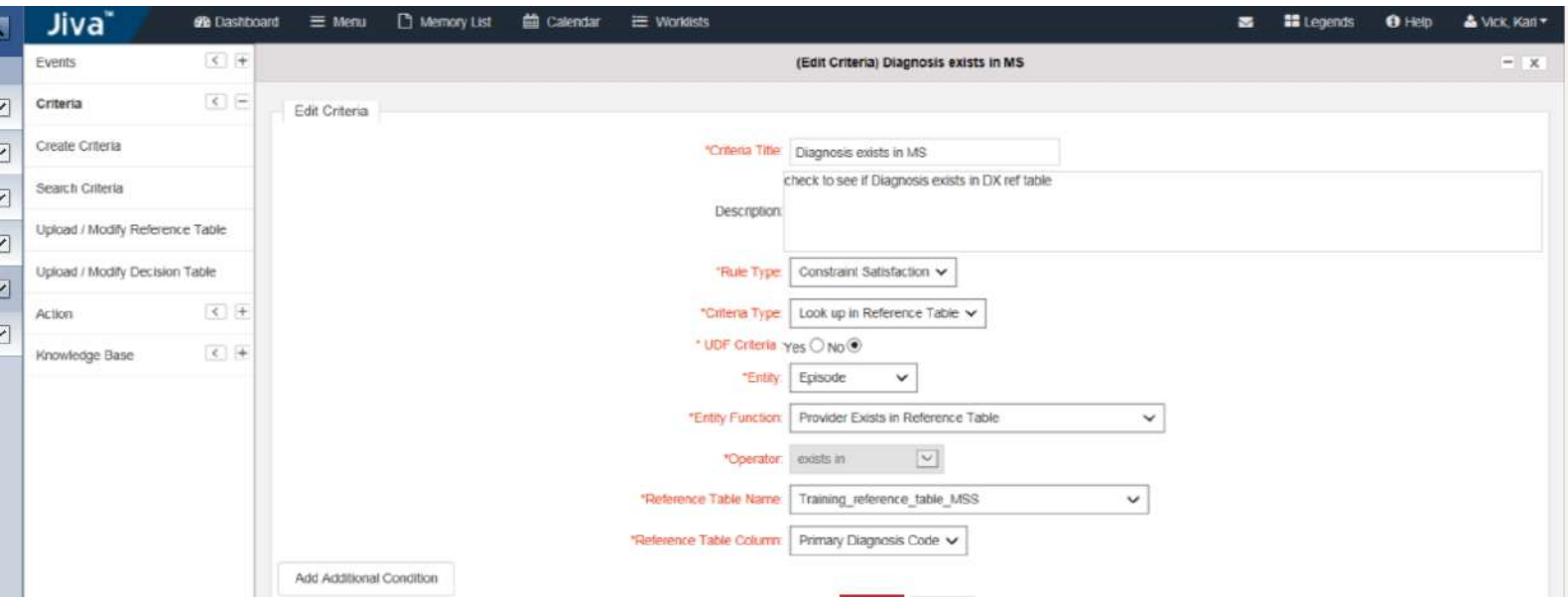
Upload / Modify Decision Table
Action
Knowledge Base
(Edit Criteria) Diagnosis exists in MS
Edit Criteria
*Criteria Title: Diagnosis exists in MS
Description: check to see if Diagnosis exists in DX ref table
*Rule Type: Constraint Satisfaction
*Criteria Type: Look up in Reference Table
* UDF Criteria: Yes No
*Entity: Episode
*Entity Function: Current assessment title exists in reference table
*Operator: exists in
*Reference Table Name: Training_reference_table_MSS
*Reference Table Column: Primary Diagnosis Code
Add Additional Condition
Save
Reset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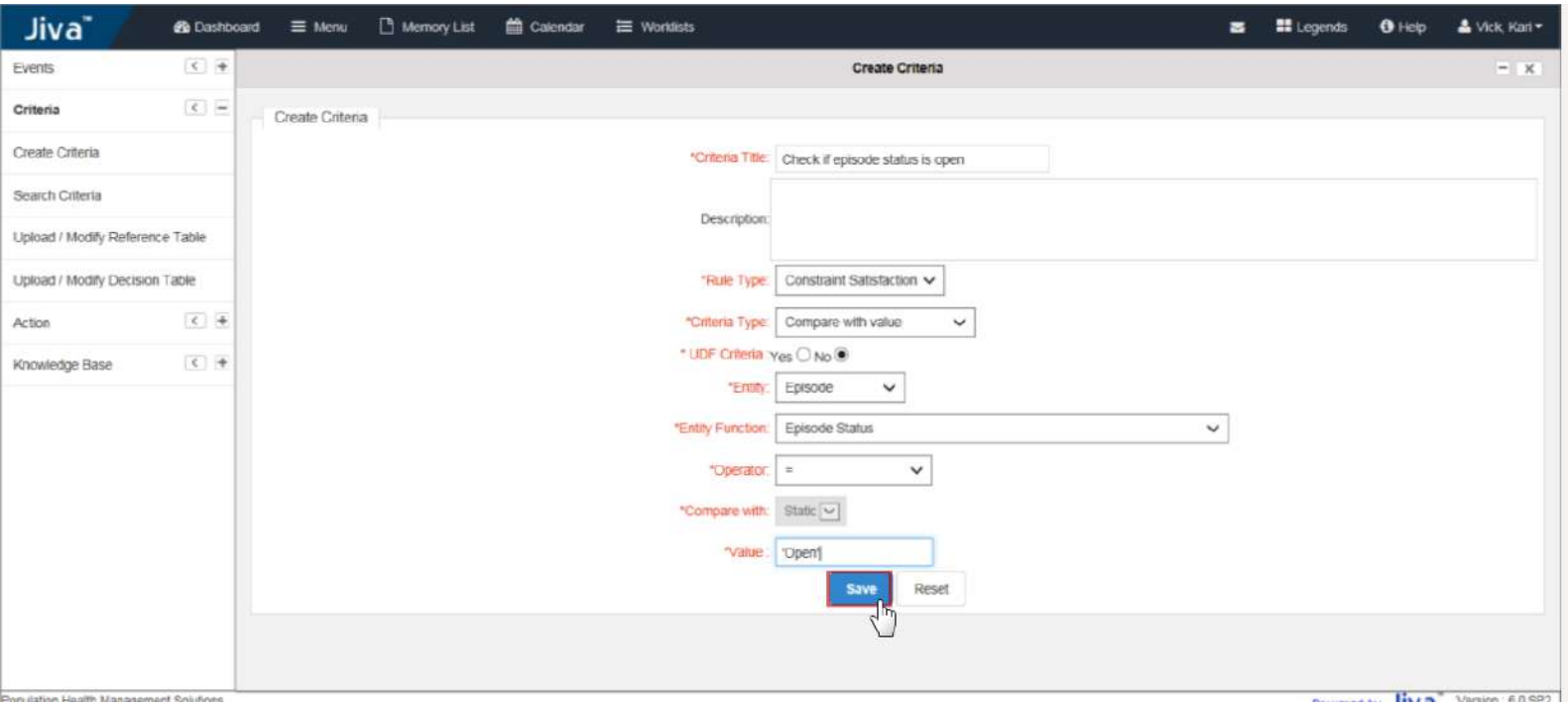
Knowledge Base
(Edit Criteria) Diagnosis exists in MS
Edit Criteria
*Criteria Title: Diagnosis exists in MS
Description: check to see if Diagnosis exists in DX ref table
*Rule Type: Constraint Satisfaction
*Criteria Type: Look up in Reference Table
* UDF Criteria: Yes No
*Entity: Episode
*Entity Function: Provider Exists in Reference Table
*Operator: exists in
*Reference Table Name: Training_reference_table_MSS
*Reference Table Column: Primary Diagnosis Code
Add Additional Condition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Search Criteria
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Upload / Modify Decision Table
Action
Knowledge Base
Create Criteria
Create Criteria
*Criteria Title:
Check if episode status is open
Description:
*Rule Type:
Constraint Satisfaction
*Criteria Type:
Compare with value
* UDF Criteria
Yes
No
*Entity:
Episode
*Entity Function:
Episode Status
*Operator:
=
*Compare with:
Static
*Value :
'Open'
Save
Reset