Explore API Documentation

SelfService_Schedule_ScheduleRegisterEventValueCategory

Version 1.0

Last Modified: 4/3/2023

Last Modified By: Kimo Pickering

Change Log

This changelog only contains significant or notable changes to the revision. Any editorial-type changes or minor changes are not included.

Revision	Change Date	Description	Modified By
1.0	4/3/2023	Initial Draft	Kimo Pickering

Contents

Overview

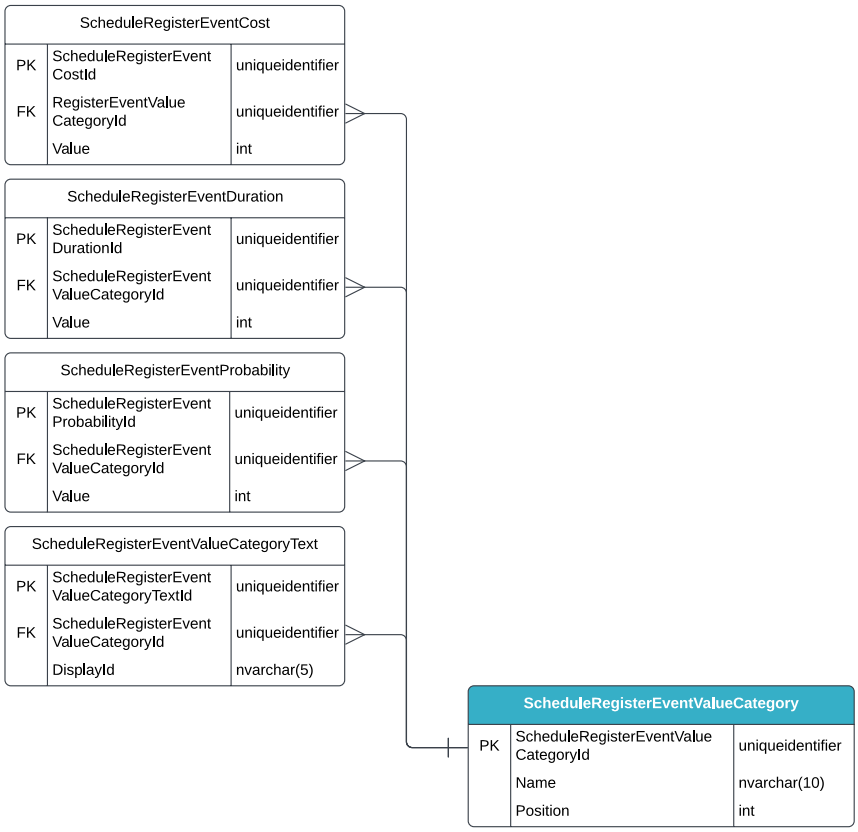
The SelfService_Schedule_ScheduleRegisterEventValueCategory API is one of multiple APIs comprising the data contained in the Schedule Register Event entity. The SelfService_Schedule_ScheduleRegisterEventValueCategory table contains the Risk Register Event Name and Position Value Category types (e.g., Very Low, Low, Medium, High, Very High; 0, 1, 2, 3, 4) available to be assigned to Risk Register Events. Its primary use is as a lookup table to correlate the Position field to the Value fields for the ScheduleRegisterEventCost, ScheduleRegisterEventDuration, ScheduleRegisterEventProbability, and ScheduleRegisterEventValueCategorytext tables.

Relationships and Dependencies

From: Table[1]	To: Table[1]	Relationship	Cardinality[2]
ScheduleRegisterEventCost(SREC)	ScheduleRegisterEventValueCategory(SREVC)	SREC.ScheduleRegisterEventCategoryId : SREVC.ScheduleRegisterEventValueCategoryId	M:1
ScheduleRegisterEventDuration(SRED)	ScheduleRegisterEventValueCategory(SREVC)	SRED.ScheduleRegisterEventCategoryId : SREVC.ScheduleRegisterEventValueCategoryId	M:1
ScheduleRegisterEventProbability(SREP)	ScheduleRegisterEventValueCategory(SREVC)	SREP.ScheduleRegisterEventCategoryId : SREVC.ScheduleRegisterEventValueCategoryId	M:1
ScheduleRegisterEventValueCategoryText(SREVCT)	ScheduleRegisterEventValueCategory(SREVC)	SREVCT.ScheduleRegisterEventCategoryId : SREVC.ScheduleRegisterEventValueCategoryId	M:1

[1] *Prefix table name with "SelfService_Schedule_" and exclude table abbreviation for queries (e.g., SelfService_Schedule_ScheduleRegisterEventValueCategory)*
[2] *1:M = One to Many, 1:1 = One to One, M:1 = Many to one*

Figure 1. SelfService_Schedule_ScheduleRegisterEventValueCategory ER Diagram



API Detail

Direction		From Project Suite
Pagination		50,000 Rows
Frequency		All Reporting APIs are used by calling a GET method at an interval determined by the customer. InEight suggests using these APIs on an infrequent basis (once per day) to avoid potential performance impact to live systems when the returned data set could be large.
Trigger Method(s)		All default OData filters are supported
Average Payload Size		Depends on date range selected
APIM Name		SelfService_Schedule_ScheduleRegisterEventValueCategory
Data Refresh/Delta/Incremental Loads		The data in this API will only refresh once per day
Project Suite	**Starting Version**	23.6
	Ending Version	N/A

Supported Filters

All default OData filters are supported by this API.

Fields

Name	Type	Char Max Length	Numeric Precision	Scale	Required?	Product	PK
ScheduleRegisterEventValueCategoryId	uniqueidentifier	16	0		Y		P
Name	nvarchar(10)	10	0		Y		
DisplayId	nvarchar(2)	2	0		Y		
Position	int	4	10		Y		

Field Descriptions

Name	Description	Example(s)
ScheduleRegisterEventValueCategoryId	A unique identifier assigned to each type of Register Event Value Category. Not visible in the interface.	bfb8c68d-b8a9-4ac9-aa01-99f0f99de2f6
Name	The name of the Register Event Value Category. (Very Low, Low, Medium, High, Very High)	Low
DisplayId	An abbreviation assigned to each Register Event Value Category. (VL, L, M, H, VH)	L
Position	The corresponding integer given to each Register Event Value Category. (0, 1, 2, 3, 4)	1

Sample

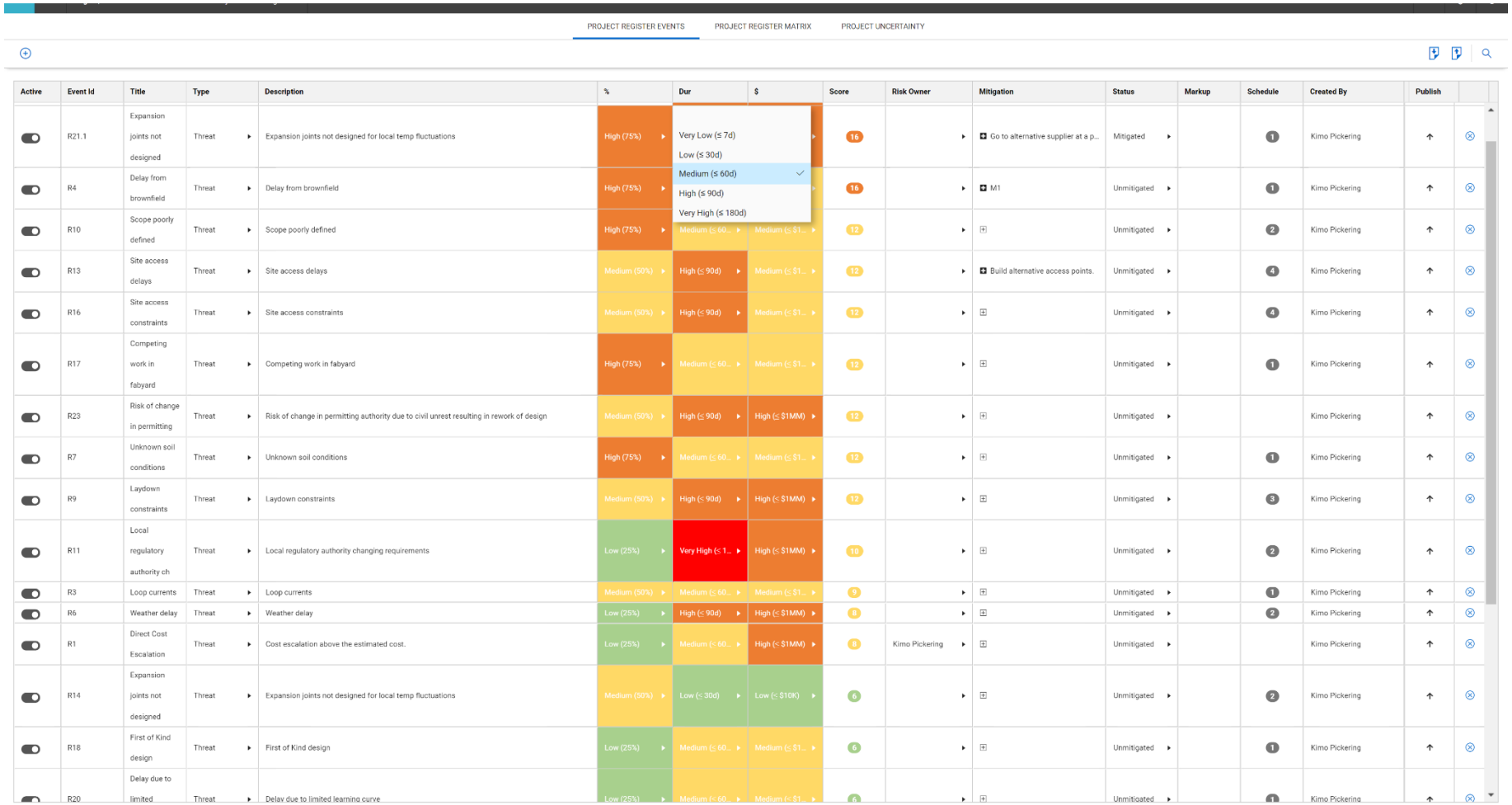
SelfService_Schedule_ScheduleRegisterEventValueCategory


```
{"ScheduleRegisterEventValueCategoryId":"bfb8c68d-b8a9-4ac9-aa01-99f0f99de2f6",
"Name":"Low",
"DisplayId":"L",
"Position":"1"}
```

Data Validation

The Register Event Value Category Position values (i.e., 1 – 5) are not directly visible in the application interface; however, their corresponding Name values are visible as shown below. Navigate to the InEight Schedule application, open a schedule, select the Risk Register view.

Figure 2. Schedule > Risk Register view



Active	Event Id	Title	Type	Description	%	Dur	$	Score	Risk Owner	Mitigation	Status	Markup	Schedule	Created By	Publish
	R21.1	Expansion joints not designed	Threat	Expansion joints not designed for local temp fluctuations	High (75%)			16		Go to alternative supplier at a p...	Mitigated		1	Kimo Pickering	
	R4	Delay from brownfield	Threat	Delay from brownfield	High (75%)			16		M1	Unmitigated		1	Kimo Pickering	
	R10	Scope poorly defined	Threat	Scope poorly defined	High (75%)	Medium (≤ 60...	Medium (≤ $1...	12			Unmitigated		2	Kimo Pickering	
	R13	Site access delays	Threat	Site access delays	Medium (50%)	High (≤ 90d)	Medium (≤ $1...	12		Build alternative access points.	Unmitigated		4	Kimo Pickering	
	R16	Site access constraints	Threat	Site access constraints	Medium (50%)	High (< 90d)	Medium (< $1...	12			Unmitigated		4	Kimo Pickering	
	R17	Competing work in fabyard	Threat	Competing work in fabyard	High (75%)	Medium (≤ 60...	Medium (≤ $1...	12			Unmitigated		1	Kimo Pickering	
	R23	Risk of change in permitting	Threat	Risk of change in permitting authority due to civil unrest resulting in rework of design	Medium (50%)	High (≤ 90d)	High (≤ $1MM)	12			Unmitigated			Kimo Pickering	
	R7	Unknown soil conditions	Threat	Unknown soil conditions	High (75%)	Medium (≤ 60...	Medium (≤ $1...	12			Unmitigated		1	Kimo Pickering	
	R9	Laydown constraints	Threat	Laydown constraints	Medium (50%)	High (< 90d)	High (< $1MM)	12			Unmitigated		3	Kimo Pickering	
	R11	Local regulatory authority ch	Threat	Local regulatory authority changing requirements	Low (25%)	Very High (≤ 1...	High (< $1MM)	10			Unmitigated		2	Kimo Pickering	
	R3	Loop currents	Threat	Loop currents	Medium (50%)	Medium (≤ 60...	Medium (≤ $1...	9			Unmitigated		1	Kimo Pickering	
	R6	Weather delay	Threat	Weather delay	Low (25%)	High (< 90d)	High (≤ $1MM)	8			Unmitigated		2	Kimo Pickering	
	R1	Direct Cost Escalation	Threat	Cost escalation above the estimated cost.	Low (25%)	Medium (< 60...	High (< $1MM)	8	Kimo Pickering		Unmitigated			Kimo Pickering	
	R14	Expansion joints not designed	Threat	Expansion joints not designed for local temp fluctuations	Medium (50%)	Low (≤ 30d)	Low (≤ $10K)	6			Unmitigated		2	Kimo Pickering	
	R18	First of Kind design	Threat	First of Kind design	Low (25%)	Medium (≤ 60...	Medium (≤ $1...	6			Unmitigated		1	Kimo Pickering	
	R20	Delay due to limited	Threat	Delay due to limited learning curve	Low (25%)	Medium (< 60...	Medium (< $1...	6			Unmitigated		1	Kimo Pickering	