



# Explore API Documentation

SelfService\_Schedule\_ScheduleRegisterEventProbability

Version 1.0

Last Modified: 3/31/2023

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	3/31/2023	Initial Draft	Kimo Pickering

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## Overview

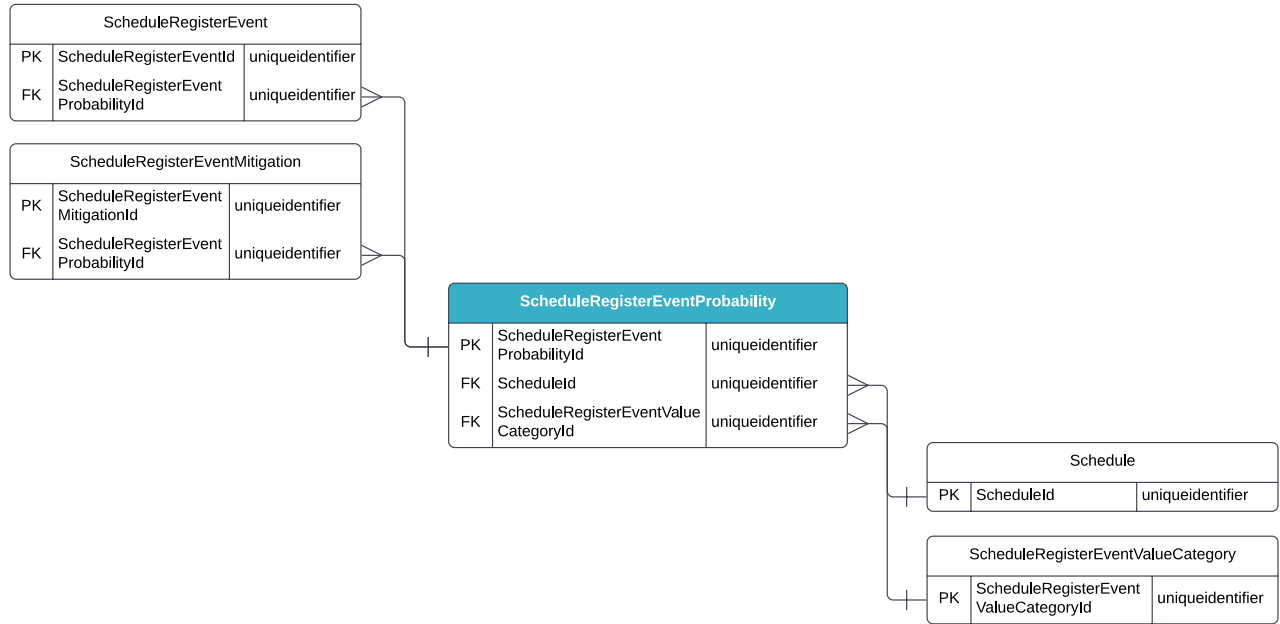
The SelfService\_Schedule\_ScheduleRegisterEventProbability API is one of multiple APIs comprising the data contained in the Schedule Register Event entity. The SelfService\_Schedule\_ScheduleRegisterEventProbability table contains the Risk Register Event probability types (1 through 5 depending on the magnitude of the probability the event will take place, with 5 typically being a “Very High” probability of 95%) available to be assigned to Risk Register Events.

## Relationships and Dependencies

From: Table <sup>1</sup>	To: Table <sup>1</sup>	Relationship	Cardinality <sup>2</sup>	Comment
ScheduleRegisterEvent (SRE)	ScheduleRegisterEventProbability(SREP)	SRE.ScheduleRegisterEventProbabilityId : SREP.ScheduleRegisterEventProbabilityId	M:1	
ScheduleRegisterEvent Mitigation(SREM)	ScheduleRegisterEventProbability(SREP)	SREM.ScheduleRegisterEventProbabilityId : SREP.ScheduleRegisterEventProbabilityId	M:1	
ScheduleRegisterEvent Probability(SREP)	Schedule(S)	SREP.ScheduleId : S.ScheduleId	M:1	
ScheduleRegisterEvent Probability(SREP)	ScheduleRegisterEventValueCategory(SREVC)	SREP.ScheduleRegisterEventValueCategoryId : SREVC.ScheduleRegisterEventValueCategoryId	M:1	

<sup>1</sup> Prefix table name with “SelfService\_Schedule\_” and exclude table abbreviation for queries (e.g., SelfService\_Schedule\_ScheduleRegisterEventProbability)

<sup>2</sup> 1:M = One to Many, 1:1 = One to One, M:1 = Many to one

**Figure 1. SelfService\_Schedule\_ScheduleRegisterEventProbability 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_ScheduleRegisterEventProbability	
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
ScheduleRegisterEventProbabilityId	uniqueidentifier	16	0		Y		
ScheduleRegisterEventValueCategoryId	uniqueidentifier	16	0		Y		
ScheduleId	uniqueidentifier	16	0		Y		
Value	int	4	10		Y		

## Field Descriptions

Name	Description	Example(s)
ScheduleRegisterEventProbabilityId	A unique identifier assigned to each type of Register Event Probability. Not visible in the interface.	378f33c4-fed3-4c68-9803-e717e3e2a28d
ScheduleRegisterEventValueCategoryId	A unique identifier assigned to each type of Register Event Value Category. Not visible in the interface.	172ac358-33fd-45fa-82f9-08bf6ef049b0
ScheduleId	A unique identifier assigned to each schedule record in the table. Formerly known as the Project Id.	6928724e-b787-4d39-80b0-b0154eb5a9c5
Value	A value of 1 through 5 depending on the magnitude of the probability impact assigned to the Register Event, with 1 = very low (5%), and 5 = very high (95%).	4

## Sample

### SelfService\_Schedule\_ScheduleRegisterEventProbability

```
{ "ScheduleRegisterEventProbabilityId": "378f33c4-fed3-4c68-9803-e717e3e2a28d",
  "ScheduleRegisterEventValueCategoryId": "172ac358-33fd-45fa-82f9-08bf6ef049b0",
  "ScheduleId": "6928724e-b787-4d39-80b0-b0154eb5a9c5",
  "Value": "4" }
```

## Data Validation

To view the Register Event probability values assigned to risk register events in a specific schedule, navigate to the InEight Schedule application, open a schedule, and select the Risk Register view.

Figure 2. Schedule > Risk Register view

InEight   KMP2 / Schedule / The Blocks Project / Risk Register															
PROJECT REGISTER EVENTS PROJECT REGISTER MATRIX PROJECT UNCERTAINTY															
Active	Event Id	Title	Type	Description	%	Dur	\$	Score	Risk Owner	Mitigation	Status	Markup	Schedule	Created By	Publish
<input type="checkbox"/>	R21.1	Expansion joints not designed	Threat	Expansion joints not designed for local temp fluctuations	Very Low (5%) Low (25%) Medium (50%) High (75%) Very High (95%)		High (< \$1MM)	16		Go to alternative supplier at a p...	Mitigated		1	Kimo Pickering	↑
<input type="checkbox"/>	R4	Delay from brownfield	Threat	Delay from brownfield			Medium (< \$1...)	16		M1	Unmitigated		1	Kimo Pickering	↑
<input type="checkbox"/>	R10	Scope poorly defined	Threat	Scope poorly defined			Medium (< \$1...)	12			Unmitigated		2	Kimo Pickering	↑
<input type="checkbox"/>	R13	Site access delays	Threat	Site access delays			High (< 90d)	12		Build alternative access points.	Unmitigated		4	Kimo Pickering	↑
<input type="checkbox"/>	R16	Site access constraints	Threat	Site access constraints			High (< 90d)	12			Unmitigated		4	Kimo Pickering	↑
<input type="checkbox"/>	R17	Competing work in fabyard	Threat	Competing work in fabyard			Medium (< 60...)	12			Unmitigated		1	Kimo Pickering	↑
<input type="checkbox"/>	R23	Risk of change in permitting	Threat	Risk of change in permitting authority due to civil unrest resulting in rework of design			High (< 90d)	12			Unmitigated			Kimo Pickering	↑
<input type="checkbox"/>	R7	Unknown soil conditions	Threat	Unknown soil conditions			Medium (< 60...)	12			Unmitigated		1	Kimo Pickering	↑
<input type="checkbox"/>	R9	Laydown constraints	Threat	Laydown constraints			High (< 90d)	12			Unmitigated		3	Kimo Pickering	↑
<input type="checkbox"/>	R11	Local regulatory authority ch	Threat	Local regulatory authority changing requirements			Very High (< 1...)	10			Unmitigated		2	Kimo Pickering	↑
<input type="checkbox"/>	R3	Loop currents	Threat	Loop currents			Medium (< 60...)	9			Unmitigated		1	Kimo Pickering	↑
<input type="checkbox"/>	R6	Weather delay	Threat	Weather delay			High (< 90d)	8			Unmitigated		2	Kimo Pickering	↑
<input type="checkbox"/>	R1	Direct Cost Escalation	Threat	Cost escalation above the estimated cost.			Medium (< 60...)	8	Kimo Pickering		Unmitigated			Kimo Pickering	↑
<input type="checkbox"/>	R14	Expansion joints not designed	Threat	Expansion joints not designed for local temp fluctuations			Low (< 30d)	6			Unmitigated		2	Kimo Pickering	↑
<input type="checkbox"/>	R18	First of Kind design	Threat	First of Kind design			Medium (< 60...)	6			Unmitigated		1	Kimo Pickering	↑
<input type="checkbox"/>	R20	Delay due to limited	Threat	Delay due to limited learnin curve			Medium (< 60...)	6			Unmitigated		1	Kimo Pickering	↑

To view and/or edit the Register Event Probability types available in the project schedule, navigate to the Risk Register view (1), select the Project Register Matrix tab (2), and finally select the Edit icon (3).

Figure 3. Schedule > Risk Register view > Project Register Matrix tab > Edit icon

Description	Probability	Schedule Impact	Cost Impact	Color
Very Low	<input type="text" value="5"/>	<input type="text" value="7"/>	<input type="text" value="1000"/>	
Low	<input type="text" value="25"/>	<input type="text" value="30"/>	<input type="text" value="10000"/>	
Medium	<input type="text" value="50"/>	<input type="text" value="60"/>	<input type="text" value="100000"/>	
High	<input type="text" value="75"/>	<input type="text" value="90"/>	<input type="text" value="1000000"/>	
Very High	<input type="text" value="95"/>	<input type="text" value="180"/>	<input type="text" value="10000000"/>	