



Explore API Documentation

SelfService_Schedule_ScheduleRegisterEventDuration

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

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Overview

The SelfService_Schedule_ScheduleRegisterEventDuration API is one of multiple APIs comprising the data contained in the Schedule Register Event entity. The SelfService_Schedule_ScheduleRegisterEventDuration table contains the Risk Register Event Duration types (1 through 5 depending on the magnitude of the schedule impact the event could have on the project with 5 typically being a “Very High” duration of ≤180 days) available to be assigned to Risk Register Events.

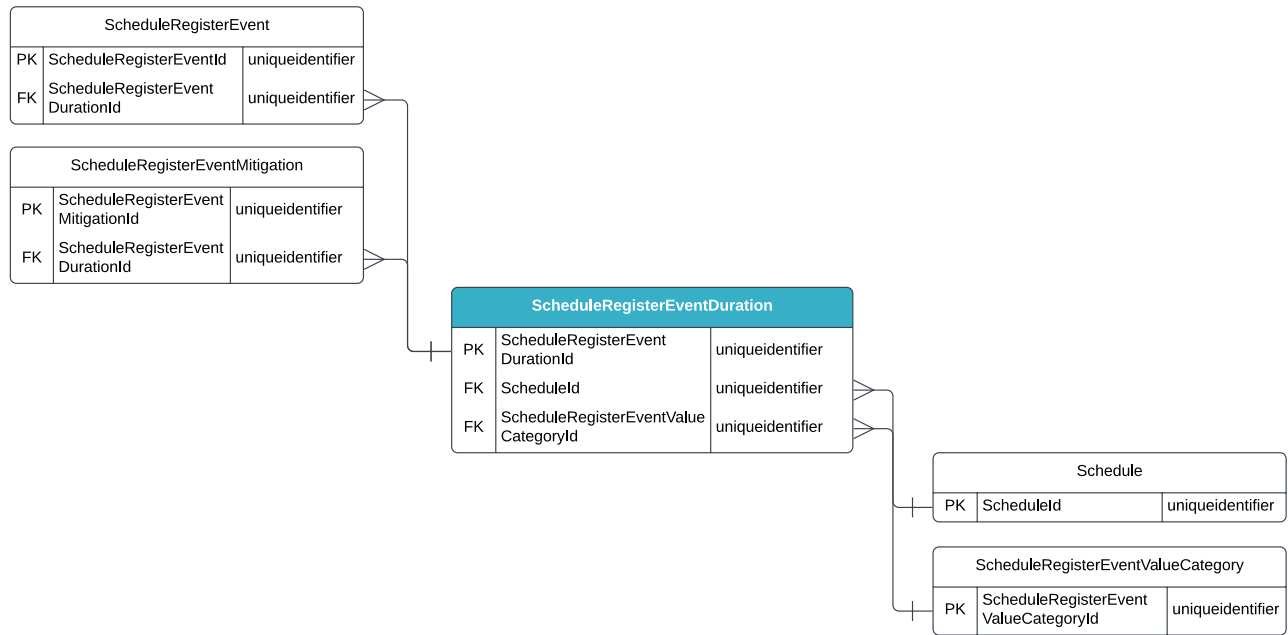
Relationships and Dependencies

From: Table ¹	To: Table ¹	Relationship	Cardinality ²
ScheduleRegisterEvent (SRE)	ScheduleRegisterEventDuration(SRED)	SRE.ScheduleRegisterEventDurationId : SRED.ScheduleRegisterEventDurationId	M:1
ScheduleRegisterEvent Mitigation(SREM)	ScheduleRegisterEventDuration(SRED)	SREM.ScheduleRegisterEventDurationId : SRED.ScheduleRegisterEventDurationId	M:1
ScheduleRegisterEvent Duration(SRED)	Schedule(S)	SRED.ScheduleId : S.ScheduleId	M:1
ScheduleRegisterEvent Duration(SRED)	ScheduleRegisterEventValueCategory(SREVC)	SRED.ScheduleRegisterEventValueCategoryId : SREVC.ScheduleRegisterEventValueCategoryId	M:1

¹ Prefix table name with “SelfService_Schedule_” and exclude table abbreviation for queries (e.g., SelfService_Schedule_ScheduleRegisterEventDuration)

² 1:M = One to Many, 1:1 = One to One, M:1 = Many to one

Figure 1. SelfService_Schedule_ScheduleRegisterEventDuration 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_ScheduleRegisterEventDuration	
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?	Key?
ScheduleRegisterEventDurationId	uniqueidentifier	16	0		Y	P
ScheduleRegisterEventValueCategoryId	uniqueidentifier	16	0		Y	F
ScheduleId	uniqueidentifier	16	0		Y	F
Value	int	4	10		Y	

Field Descriptions

Name	Description	Example(s)
ScheduleRegisterEventDurationId	A unique identifier assigned to each type of Register Event Duration impact. Not visible in the interface.	638a44b4-687b-4bc8-ba9a-e9bb820f2497
ScheduleRegisterEventValueCategoryId	A unique identifier assigned to each type of Register Event Value Category. Not visible in the interface.	e39eb70c-c669-4aa8-a31e-bd266d19959c
ScheduleId	A unique identifier assigned to each schedule record in the table. Formerly known as the Project Id.	0188f349-3a24-4645-9f17-4b246ed94c4b
Value	A value of 1 through 5 representing the magnitude of the project schedule impact assigned to the Register Event, with 1 = very low (≤ 7 days), and 5 = very high (≤ 180 days).	3

Sample

SelfService_Schedule_ScheduleRegisterEventDuration

```
{"ScheduleRegisterEventDurationId":"638a44b4-687b-4bc8-ba9a-e9bb820f2497",  
"ScheduleRegisterEventValueCategoryId":"e39eb70c-c669-4aa8-a31e-bd266d19959c",  
"ScheduleId":"0188f349-3a24-4645-9f17-4b246ed94c4b",  
"Value":"3"}
```

Data Validation

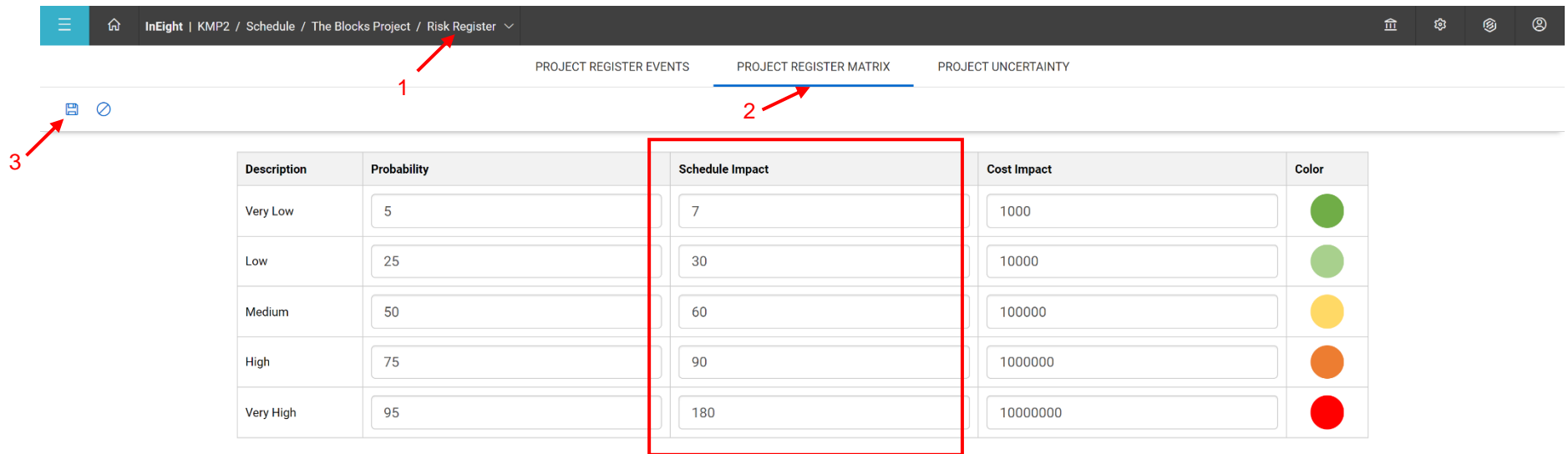
To view the Register Event duration values assigned to risk register events in a specific schedule, navigate to the InEight Schedule application, open a schedule, select the Risk Register view, and select the dropdown in the “Dur” column of the event of interest.

Figure 2. Schedule > Risk Register view

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	High (75%)	Very Low (< 7d) Low (< 30d) Medium (< 60d) High (< 90d) Very High (< 180d)		16		Go to alternative supplier at a p...	Mitigated		1	Kimo Pickering	↑			
<input type="checkbox"/>	R4	Delay from brownfield	Threat	Delay from brownfield	High (75%)	High (< 90d)		16		M1	Unmitigated		1	Kimo Pickering	↑			
<input type="checkbox"/>	R10	Scope poorly defined	Threat	Scope poorly defined	High (75%)	Medium (< 60...)	Medium (< \$1...)	12			Unmitigated		2	Kimo Pickering	↑			
<input type="checkbox"/>	R13	Site access delays	Threat	Site access delays	Medium (50%)	High (< 90d)	Medium (< \$1...)	12		Build alternative access points.	Unmitigated		4	Kimo Pickering	↑			
<input type="checkbox"/>	R16	Site access constraints	Threat	Site access constraints	Medium (50%)	High (< 90d)	Medium (< \$1...)	12			Unmitigated		4	Kimo Pickering	↑			
<input type="checkbox"/>	R17	Competing work in fabyard	Threat	Competing work in fabyard	High (75%)	Medium (< 60...)	Medium (< \$1...)	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	Medium (50%)	High (< 90d)	High (< \$1MM)	12			Unmitigated			Kimo Pickering	↑			
<input type="checkbox"/>	R7	Unknown soil conditions	Threat	Unknown soil conditions	High (75%)	Medium (< 60...)	Medium (< \$1...)	12			Unmitigated		1	Kimo Pickering	↑			
<input type="checkbox"/>	R9	Laydown constraints	Threat	Laydown constraints	Medium (50%)	High (< 90d)	High (< \$1MM)	12			Unmitigated		3	Kimo Pickering	↑			
<input type="checkbox"/>	R11	Local regulatory authority ch	Threat	Local regulatory authority changing requirements	Low (25%)	Very High (< 1...)	High (< \$1MM)	10			Unmitigated		2	Kimo Pickering	↑			
<input type="checkbox"/>	R3	Loop currents	Threat	Loop currents	Medium (50%)	Medium (< 60...)	Medium (< \$1...)	9			Unmitigated		1	Kimo Pickering	↑			
<input type="checkbox"/>	R6	Weather delay	Threat	Weather delay	Low (25%)	High (< 90d)	High (< \$1MM)	8			Unmitigated		2	Kimo Pickering	↑			
<input type="checkbox"/>	R1	Direct Cost Escalation	Threat	Cost escalation above the estimated cost.	Low (25%)	Medium (< 60...)	High (< \$1MM)	8	Kimo Pickering		Unmitigated			Kimo Pickering	↑			
<input type="checkbox"/>	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	↑			
<input type="checkbox"/>	R18	First of Kind design	Threat	First of Kind design	Low (25%)	Medium (< 60...)	Medium (< \$1...)	6			Unmitigated		1	Kimo Pickering	↑			
<input type="checkbox"/>	R20	Delay due to limited	Threat	Delay due to limited learning curve	Low (25%)	Medium (< 60...)	Medium (< \$1...)	6			Unmitigated		1	Kimo Pickering	↑			

To view and/or edit the Register Event Duration 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



The screenshot shows the InEight Project Suite interface. The breadcrumb path is "InEight | KMP2 / Schedule / The Blocks Project / Risk Register". The "PROJECT REGISTER MATRIX" tab is selected. A table lists risk levels with their corresponding probability, schedule impact, cost impact, and color. A red box highlights the "Schedule Impact" column, and a red arrow points to the "Edit" icon in the top left.

Description	Probability	Schedule Impact	Cost Impact	Color
Very Low	5	7	1000	Green
Low	25	30	10000	Light Green
Medium	50	60	100000	Yellow
High	75	90	1000000	Orange
Very High	95	180	10000000	Red