Setup Screens Rules and Design

Notes about the rules and design of the setup screens application created for facilitation of CRUD operations with SPA's csv lookups.

CIS20 Main Categories

	categoryId	name	targetValue	weight	enabled
Rules:			User stories: I'd like to use a slider to choose the targetValue.	User stories: When I change the weight I'd like to receive a message if the total sum of weights of categories is different than 1. If the sum of weights is different than 1 I'd like to receive a message that asks me if I want the weight values to be calculated automatically. When I change the weight I'd like to receive a message that asks me to confirm the operation.	User stories: I'd like to use a drop-down to choose the status of the category. When I change the category status I'd like to receive a message that asks me if I want to also update the status of all items associated with the category. When I change the category status I'd like to receive a message that asks me if I want the weight value for the remaining categories to be calculated automatically. When I change the category status I'd like to receive a message that asks me to confirm the operation.
Definition:	Integer, Required, Auto-increment, Hidden	String, Required	Float, Required, Default=1.0	Float, Required, Default=1.0	List(true,false), Required, Default=true
Design notes:					

CIS20 Controls

	controlId	name	description	parentCategoryId	targetValue	weight	enabled	calculation
Rules:				User stories: I'd like to use a drop-down list to choose the category from available list of categories in CIS20 Main Categories.	User stories: I'd like to use a slider to choose the targetValue.	User stories: When I change the weight I'd like to receive a message if the total sum of weights of controls in the same category is different than 1. If the sum of weights is different than 1 I'd like to receive a message that asks me if I want the weight values to be calculated automatically. When I change the weight I'd like to receive a message that asks me to confirm the operation.	User stories: I'd like to use a drop-down to choose the status of the control. When I change the control status I'd like to receive a message that asks me if I want to also update the status of all items associated with the control. When I change the control status I'd like to receive a message that asks me if I want the weight value for the remaining controls in the same category to be calculated automatically. When I change the control status I'd like to receive a message that asks me to confirm the operation.	User stories: I'd like to use a slider to choose the calculation method for the control.
Definition:	Integer, Required, Auto-increment, Hidden	String, Required	String, Required	Integer, Required	Float, Required, Default=1.0	Float, Required, Default=1.0	List(true,false), Required, Default=true	List(0,1,2,3,4,5), Required, Default=0

Design notes:							The slider should show the following values for corresponding to each of the list items: 0 = Automatic 1 = Not Implemented 2 = Partially Implemented 3 = Fully Implemented on Some Systems 4 = Fully Implemented on Most Systems 5 = Fully Implemented on All Systems 6 = Not Yet Monitored

CIS20 Sub-Controls

	subControlId	assetType	securityFunction	name	description	targetValue	weight	enabled	calculation
Rules:	User stories: I'd like to use a drop-down list to choose the parent control from available list of controls from the parent level.					User stories: I'd like to use a slider to choose the targetValue.	User stories: When I change the weight I'd like to receive a message if the total sum of weights of sub-controls in the same control is different than 1. If the sum of weights is different than 1 I'd like to receive a message that asks me if I want the weight values to be calculated automatically. When I change the weight I'd like to receive a message that asks me to confirm the operation.	User stories: I'd like to use a drop-down to choose the status of the sub-control. When I change the sub-control status I'd like to receive a message that asks me if I want to also update the status of all items associated with the sub-control. When I change the sub-control status I'd like to receive a message that asks me if I want the weight value for the remaining sub-controls in the same control to be calculated automatically. When I change the sub-control status I'd like to receive a message that asks me to confirm the operation.	User stories: I'd like to use a slider to choose the calculation method for the sub-control.
Definition:	Comma-separated integers, Required, Auto-increment, Hidden	String, Optional, Hidden	String, Optional, Hidden	String, Required	String, Required	Float, Required, Default=1.0	Float, Required, Default=1.0	List(true,false), Required, Default=true	List (0,1,2,3,4,5), Required, Default=0

| Design notes: | Comma-separated integers:

E.g.: 1,1 or 15,4 or 14,10

First integer is the ID of the parent Control, the second one is auto-incremented ID during creation of the sub-control. | | | | | | | | The slider should show the following values for corresponding to each of the list items:

0 = Automatic

1 = Not Implemented

2 = Partially Implemented

3 = Fully Implemented on Some Systems

4 = Fully Implemented on Most Systems

5 = Fully Implemented on All Systems |

CIS20 Metrics

	metricId	name	description	targetValue	weight	enabled
Rules:	User stories: I'd like to use a drop-down list to choose the parent sub-control from available list of sub-controls in the parent level.			User stories: I'd like to use a slider to choose the targetValue.	User stories: When I change the weight I'd like to receive a message if the total sum of weights of metrics in the same sub-control is different than 1. If the sum of weights is different than 1 I'd like to receive a message that asks me if I want the weight values to be calculated automatically. When I change the weight I'd like to receive a message that asks me to confirm the operation.	User stories: I'd like to use a drop-down to choose the status of the metric. When I change the metric status I'd like to receive a message that asks me if I want to also update the status of all items associated with the metric. When I change the metric status I'd like to receive a message that asks me if I want the weight value for the remaining metrics in the same sub-control to be calculated automatically. When I change the metric status I'd like to receive a message that asks me to confirm the operation.
Definition:	Comma-separated integers, Required, Auto-increment, Hidden	String, Required	String, Required	Float, Required, Default=1.0	Float, Required, Default=1.0	List(true,false), Required, Default=true
Design notes:	Comma-separated integers: E.g.: 1,1,1 or 15,4,1 or 14,10,1 First integer is the ID of the parent Control, the second integer is the ID of the parent Sub-Control and the third one is auto-incremented ID during creation of the metric.					

CIS20 Sub-Metrics

	subMetricId	name	description	targetValue	weight	enabled
Rules:	User stories: I'd like to use a drop-down list to choose the parent metric from available list of metrics in the parent level.			User stories: I'd like to use a slider to choose the targetValue.	User stories: When I change the weight I'd like to receive a message if the total sum of weights of sub-metrics in the same metric is different than 1. If the sum of weights is different than 1 I'd like to receive a message that asks me if I want the weight values to calculated automatically. When I change the weight I'd like to receive a message that asks me to confirm the operation.	User stories: I'd like to use a drop-down to choose the status of the sub-metric. When I change the sub-metric status I'd like to receive a message that asks me if I want the weight value for the remaining sub-metrics in the same metric to be calculated automatically. When I change the sub-metric status I'd like to receive a message that asks me to confirm the operation.

Definition:	Comma-separated integers, Required, Auto-increment, Hidden	String, Required	String, Required	Float, Required, Default=1.0	Float, Required, Default=1.0	List(true,false), Required, Default=true
Design notes:	Comma-separated integers: E.g.: 1,1,1,1 or 15,4,1,1 or 14,10,1,1 First integer is the ID of the parent Control, the second integer is the ID of the parent Sub-Control, the third integer is the ID of parent Metric and the fourth one is auto-incremented ID during creation of the sub-metric.					

CIS20 DHCP Servers

	hostname	**ipAddress**
Rules:	User stories: I'd like the UI to check if hostname format is not a FQDN. If it is, the UI should prompt me to correct it before saving.	User stories: I'd like the UI to check if ipAddress format is an actual IP. If it isn't, the UI should prompt me to correct it before saving.
Definition:	String, Required	String, Required
Design notes:		

CIS20 Monitored Authorization Systems

	Monitored Authorization Systems	**All Authorization Systems**
Rules:	User stories: I'd like the UI to allow me to select (via checkbox or slider) whether an Authorization System is monitored or not. If the Authorization System is set as "monitored" then the name of the Authorization System should be populated in the field. If the Auhtorization System is set as "not monitored" then the field should be empty.	User stories: I'd like the UI to allow me to add/remove/update Authorization System. The UI should check if the Authorization System name already exists in the list.
Definition:	String	String, Required
Design notes:		

CIS20 Vulnerability Scanners

	VS_Tool	**index**
Rules:	User stories: I'd like the UI to allow me to add/remove/update Vulnerability Scanner. The UI should check if the Vulnerability Scanner name already exists in the list.	
Definition:	String, Required	String, Required
Design notes:		