08/04/2015

DMS Database Columns names:

.csv VLIFE (mk1)

A	Time
B	Type
C	Status
D	Mode
E	Reading no.
F	IR
G	LIMVoltage
H	LIMCurrent
I	Temperature
J	LineVoltage1
K	LineVoltage2
L	LineCurrent
M	LimResistance
N	column_n
O	column_o
P	column_p
Q	Column_q

.csv VLIM (mk1)

A	Time
B	VNetAddress
C	Type
D	Status
E	LimImbalance
F	LimResistance
G	LimCapacitance
H	LimResistanceCm
I	LimCapacitanceCm
J	LineVoltage
K	LineCurrent
L	LineFrequency
M	LinePhase

.csv VLIFE (mk2) Ty-4

A	Time
B	VNetAddress
C	Type
D	Status
E	LimResistance
F	LineVoltage
G	VlifeMode
H	VlifeParam
I	VlifeVoltage

- Different CSV header file format of 1. VLIFE (mk1), 2.VLIM (mk1), 3. VLIFE (mk2) Ty-4

Relation Mapping;

Sl no.	VLIFE (mk1)	VLIM (mk1)	VLIFE (mk2) Ty-4	General
01.	A	A	A	
02.		B	B	
03.	B	C	C	
04.	C	D	D	
05.	D			
06.	E			
07.		E		
08.	F	F	E	
09.	G			
10.		G		
11.			G	
12.	H			
13.		H		
14.			H	
15.	I			
16.		I		
17.			I	
18.	J	J		
19.	K			
20.	L	K		
21.	M			
22.		L		
24.		M		
28.				live_earth_noise
29.				highsample_insulation_ capacitance

- Two columns are reserved in ‘data_core_ measurements’ 1. Live Earth Noise, 2. High Sample Insulation Capacitance

product_data table; (Changes in the existing table)

product_data (present)

1.	id (PK)
2.	time
3.	vNetAddress
4.	type
5.	status
6.	lim_imbalance
7.	lim_resistance
8.	lim_capacitance
9.	lim_resistance_cm
10.	lim_capacitance_cm
11.	line_voltage
12.	line_current
13.	line_frequency
14.	line_phase
15.	network_unit_id (FK)

data_core_ measurements (proposed)

1.	id (PK)
2.	time
3.	vnet_address
4.	data_type
5.	status
6.	l1_l2_ratio
7.	insulation_resistance
8.	insulation_capacitance
9.	downstream_insulation_resistance
10.	downstream_insulation_capacitance
11.	line_voltage
12.	line_current
13.	line_frequency
14.	line_phase
15.	project_info_id (FK)
16.	product_info_id (FK)
17.	data_vlife_mkone_id (FK)
18.	vlife_mode
19.	vlife_param
20.	vlife_voltage
21.	live_earth_noise
22.	highsample_insulation_capacitance
23.	unit_config_id (FK)

1. Number-18 to Number-20 is for VLIFE (mk2) Ty-4.csv
2. Number-21 to Number-22 is for general

data_vlife_mkone table; (create new table in the database)

data_vlife_mkone (proposed)

1.	data_vlife_mkone_id (PK)
2.	mode
3.	reading_number
4.	lim_voltage
5.	lim_current
6.	temperature
7.	line_voltage_two
8.	lim_resistance

data_vlife_mkone (proposed)

1.	data_vlife_mkone_id (PK)
2.	mode
3.	reading_number
4.	lim_voltage
5.	lim_current
6.	temperature
7.	line_voltage_two
8.	lim_resistance

network_unit table; (Changes in the existing table)

network_unit (present)	
1.	project_info_id (PK)
2.	channel
3.	company_name
4.	control_system
5.	created_by
6.	created_date
7.	ip_address
8.	is_alive
9.	platform
10.	project_id
11.	unit_serial_no
12.	unit_config_id (FK)

project_info (proposed)	
1.	project_info_id (PK)
2.	channel
3.	company_name
4.	control_system
5.	created_by
6.	created_date
7.	ip_address
8.	is_alive
9.	platform
10.	project_starjar_id
11.	(moved to product_info table)
12.	unit_config_id (FK)
13.	description
14.	installation_date

1. Number-13: description.
2. Number-14: installation_date

product_info table; (create new table in the database)

product_info (proposed)	
1.	product_info_id (PK)
2.	unit_serial_no
3.	part_no
4.	description
5.	config

product_info (proposed)	
1.	product_info_id (PK)
2.	unit_serial_no
3.	part_no
4.	description
5.	config

project_history_info table; (create new table in the database)

project_history_info (proposed)	
1.	id (PK)
2.	project_starjar_id
3.	allocated_serial_no
4.	present_serial_no
5.	allocated_engg
6.	allocated_date
7.	commissioned
8.	decommissioned

project_history_info (proposed)	
1.	id (PK)
2.	project_starjar_id
3.	allocated_serial_no
4.	present_serial_no
5.	allocated_engg
6.	allocated_date
7.	commissioned
8.	decommissioned

product_history_info table; (create new table in the database)

product_history_info (proposed)	
1.	id (PK)
2.	software_update
3.	person_to_test
4.	hardware_update
5.	last_tested

product_history_info (proposed)	
1.	id (PK)
2.	software_update
3.	person_to_test
4.	hardware_update
5.	last_tested

user table; (Changes in the existing table)

user (present)	
1.	id (PK)
2.	email
3.	name
4.	password

user (proposed)	
1.	id (PK)
3.	name
4.	password

1. Remove Number-2: email

user_info table; (create new table in the database)

user_info (proposed)	
1.	id (PK)
2.	first_name
3.	last_name
4.	permission
5.	email
6.	last_login
7.	user_created

user_info (proposed)	
1.	id (PK)
2.	first_name
3.	last_name
4.	permission
5.	email
6.	last_login
7.	user_created

client_info table; (create new table in the database)

client_info (proposed)	
1.	id (PK)
2.	client_name
3.	client_address
4.	client_contact_no
5.	client_contact_person

client_info (proposed)	
1.	id (PK)
2.	client_name
3.	client_address
4.	client_contact_no
5.	client_contact_person

asset_info table; (create new table in the database)

asset_info (proposed)	
1.	id (PK)
2.	notification
3.	licenses
4.	maintenance_contract
5.	warranties
6.	project_info_id (FK)

asset_info (proposed)	
1.	id (PK)
2.	notification
3.	licenses
4.	maintenance_contract
5.	warranties
6.	project_info_id (FK)

report_info table; (create new table in the database)

report_info (proposed)	
1.	id (PK)
2.	present_ir
3.	project_no
4.	document_no
5.	rev_no
6.	unit_events
7.	engg_comments
8.	recommendation
9.	project_info_id (FK)

report_info (proposed)	
1.	id (PK)
2.	present_ir
3.	project_no
4.	document_no
5.	rev_no
6.	unit_events
7.	engg_comments
8.	recommendation
9.	project_info_id (FK)

analysis_info table; (create new table in the database)

analysis_info (proposed)	
1.	id (PK)
2.	start_point
3.	end_point
4.	plot_location
5.	plot_colour
6.	co_ordinates
7.	chart_type
8.	analysis_comments
9.	project_info_id (FK)

analysis_info (proposed)	
1.	id (PK)
2.	start_point
3.	end_point
4.	plot_location
5.	plot_colour
6.	co_ordinates
7.	chart_type
8.	analysis_comments
9.	project_info_id (FK)

unit_config table; (Changes in the existing table)

unit_config (present)	
1.	id (PK)
2.	body
3.	headers
4.	method
5.	remote_url

unit_config (proposed)	
1.	id (PK)
2.	body
3.	headers
4.	method
5.	remote_url