

Database Design

From Matchi Wiki

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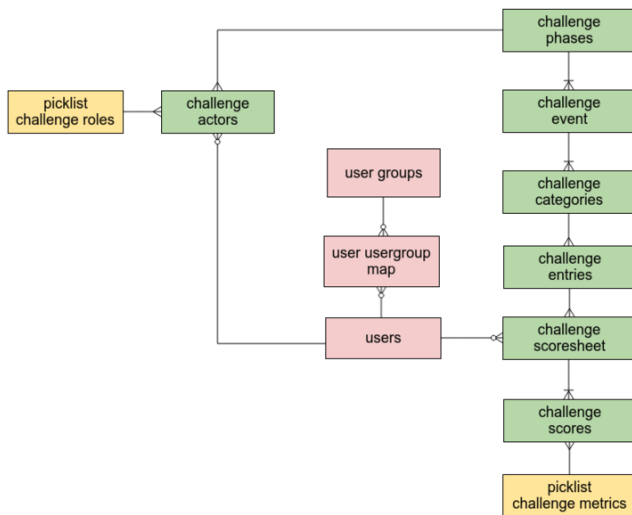
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Challenge Table Schema

Purpose

Challenge management

Conceptual Model



Physical Model

mtchi_inno_challenge_events

- id int(15)
- title varchar(255)
- subtitle varchar(255)
- alias varchar(255)
- create_time timestamp(0)
- modify_time timestamp(0)
- org_id bigint(20)
- sub_org_id bigint(20)
- call_to_action text
- summary text
- description text
- scoring text
- display_class varchar(50)
- category_blog_id bigint(20)
- article_call_to_action_id bigint(20)
- article_call_to_action_url varchar(255)
- article_scoring_progress_id bigint(20)
- article_scoresheet_id bigint(20)
- score_metrics text
- score_entries_per_judge int(11)
- judges_quorum int(11)
- entry_scoresheet_quorum int(11)
- timezone varchar(100)
- timezone_term varchar(100)
- regions varchar(255)
- countries varchar(255)
- is_shared_awards tinyint(1)
- is_anonymous_challenger tinyint(1)
- is_award_presentation tinyint(1)
- is_public_showcase tinyint(1)
- is_multi_category tinyint(1)
- is_publicized tinyint(1)
- is_categoryvideopublic tinyint(1)
- challengecategories_term varchar(255)
- whatstinfoyouu_term varchar(255)
- eventdescription_term varchar(255)
- challengetime_line_term varchar(255)
- scoring_term varchar(255)

mtchi_inno_challenge_entries

- id int(15)
- quickcode varchar(8)
- modify_time timestamp(0)
- create_time timestamp(0)
- entrant_id bigint(20)
- category_id bigint(20)
- inno_id bigint(20)
- capability text
- motivation text
- disqualified tinyint(1)
- excluded_phase_id int(11)
- confirm_attendance tinyint(1)
- confirm_termsandconditions tinyint(1)
- confirm_company_year int(11)
- confirm_number_employees int(11)
- confirm_number_technical int(11)
- confirm_track_record text
- confirm_firm_suitability text
- entry_notification_req tinyint(1)
- finalist_notification_req tinyint(1)
- winner_notification_req tinyint(1)
- winner_notification_sent timestamp(0)
- award_notification_req tinyint(1)
- award_notification_sent timestamp(0)
- event_notification_req tinyint(1)
- event_notification_sent timestamp(0)
- unsuccessful_notification_req tinyint(1)
- unsuccessful_notification_sent timestamp(0)
- entrant_state varchar(20)
- hdyhau_id int(11)

mtchi_inno_challenge_categories

- id int(15)
- parent_id int UNSIGNED
- lft int(11)
- rgt int(11)
- level int UNSIGNED
- title text
- alias varchar(255)
- access tinyint UNSIGNED
- modify_time timestamp(0)
- event_id bigint(20)
- description text
- display_order_id int(11)
- display_class text
- category_blog_id bigint(20)
- article_call_to_action_id bigint(20)
- award_id int(11)
- video_url varchar(255)
- entry_count int(11)

mtchi_inno_challenge_phases

- id int(15)
- event_id int(11)
- modify_time timestamp(0)
- title text
- subtitle text
- description text
- display_order_id int(11)
- display_class text
- path varchar(255)
- phase_begin date
- phase_end date
- phase_begin_notification_id int(11)
- phase_end_notification_id int(11)
- phase_action_notification_id int(11)
- is_entry tinyint(1)
- is_scoring tinyint(1)
- is_announcing tinyint(1)
- is_awaiting tinyint(1)
- is_presentation tinyint(1)
- is_transition tinyint(1)

mtchi_inno_challenge_entry_awards

- id int(15)
- ranking int(11)
- entry_id bigint(20)
- award_id bigint(20)

mtchi_inno_challenge_actor_roles

- id bigint(20)
- create_time datetime(0)
- modify_time timestamp(0)
- enabled tinyint(1)
- phase_id bigint(20)
- display_order_id int(11)
- item_en_gb varchar(100)
- short_en_gb varchar(30)
- help_en_gb text
- assigned_group_ids varchar(255)
- display_class text
- is_scorer tinyint(1)
- is_judge tinyint(1)
- is_organizer tinyint(1)
- is_presenter tinyint(1)
- is_entreat tinyint(1)
- is_sponsor tinyint(1)
- is_tester tinyint(1)
- event_on_create varchar(255)

mtchi_inno_challenge_awards

- id int(15)
- title text
- modify_time timestamp(0)
- phase_id bigint(20)
- event_id bigint(20)
- description text
- award_value_text text
- award_value_monetary decimal(10, 0)
- award_value_currency_job varchar(10)
- award_value_currency_symbol varchar(10)
- awardee_text text
- awardee_id int(11)
- display_order_id int(11)
- display_class text

mtchi_inno_challenge_picklist_lifecycle

- id bigint(20)
- create_time datetime(0)
- modify_time timestamp(0)
- enabled tinyint(1)
- alias varchar(50)
- display_order_id int(11)
- item_en_gb varchar(100)
- short_en_gb varchar(30)
- help_en_gb text
- display_class text
- action_noun varchar(255)
- before_verb varchar(255)
- present_verb varchar(255)
- after_verb varchar(255)

mtchi_inno_challenge_picklist_metrics

- id bigint(20)
- create_time datetime(0)
- modify_time timestamp(0)
- enabled tinyint(1)
- display_order_id int(11)
- category_id bigint(11)
- item_en_gb varchar(100)
- short_en_gb varchar(30)
- help_en_gb text
- display_class text

mtchi_inno_challenge_picklist_hdyhau

- id bigint(20)
- create_time datetime(0)
- modify_time timestamp(0)
- enabled tinyint(1)
- display_order_id int(11)
- item_en_gb varchar(100)
- short_en_gb varchar(30)
- help_en_gb text
- display_class text

mtchi_inno_challenge_actors

- id int(15)
- event_id int(11)
- user_id int(11)
- role_id int(11)
- phase_id int(11)
- category_id varchar(255)
- original_group_ids varchar(255)

mtchi_inno_challenge_scoresheets

- id int(15)
- modify_time timestamp(0)
- entry_id bigint(20)
- phase_id bigint(20)
- judge_id bigint(20)
- is_done tinyint(1)
- judge_comment text

mtchi_inno_challenge_owners

- id int(15)
- modify_time timestamp(0)
- event_id bigint(20)
- user_id bigint(20)
- phase_id int(11)
- roles_ids text

mtchi_inno_challenge_scores

- id int(15)
- modify_time timestamp(0)
- scoresheet_id int(11)
- judge_metric_id int(11)
- judge_score decimal(10, 0)

mtchi_inno_challenge_actors					
Challenge event organizers and their roles for each phase					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	Primary key for actor
2	modifytime	timestamp			Last time record was changed
3	event_id	int(11)	Nullable		Id of challenge event
4	user_id	int(11)		IX	Joomla User Id of challenge actor
5	role_id	int(11)	Nullable		Actor Role - selected from table mtchi_inno_picklist_challenge_roles
6	phase_id	int(11)	Nullable	IX	Phase that this person plays a role in. Null means for all phases
7	category_ids	varchar(255)	Nullable		Comma-delimited lists of category IDs that relate to this actor, e.g. Judge only judges specific categories, winner of a category, etc... Null means that all categories for this event are relevant to this actor.
8	original_group_ids	varchar(255)	Nullable		Comma-delimited list of saved group Ids before this users was assigned this temporary actor role. These groups need to be restored when the user goes out of character.

mtchi_inno_challenge_actor_roles					
Challenge roles use-case picklist					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Segment Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	item_en_gb	varchar(100)			Name of the item
7	short_en_gb	varchar(30)			Shortened name of the item
8	help_en_gb	text	Nullable		Help Text
9	assigned_group_ids	varchar(255)	Nullable		Comma-delimited list of User Groups that this actor will be assigned to for the duration of this phase
10	display_class	text	Nullable		CSS class for displaying this item
11	is_scorer	tinyint(1)			True if this role is for scoring entries
12	is_judge	tinyint(1)			Function
13	is_organizer	tinyint(1)			Function
14	is_presenter	tinyint(1)			Function
15	is_entrant	tinyint(1)			Actors is an event entrant
16	is_sponsor	tinyint(1)			The actor is a sponsor
17	is_tester	tinyint(1)			This is for testing only is should be excluded from reports and plenary notifications
18	event_on_create	varchar(255)	Nullable		Event to fire when an actor of this role is created

mtchi_inno_challenge_awards					
Awards for a challenge event					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	Primary key for event challenge
2	title	text			Implementation: Name / Title
3	modifytime	timestamp			Last time record was changed
4	phase_id	bigint(20)	Nullable		Id of the SCORING phase that the award is for
5	event_id	bigint(20)	Nullable	IX	NOT REQUIRED ANY MORE Id of challenge event
6	description	text	Nullable		Description of award, why a winner will be selected to receive it, etc...
7	award_value_text	text	Nullable		Textual Notional / Perceived value of this award
8	award_value_monetary	decimal(10,0)	Nullable		Moneraty value of this award, if at all
9	award_value_currency_iso	varchar(10)	Nullable		ISO code for moneraty value of this award, if at all
10	award_value_currency_symbol	varchar(10)	Nullable		Symbol for moneraty value of this award, if at all
11	awardees_text	text	Nullable		Textual description of the number of people that this award is made out to
12	awardees_int	int(11)	Nullable		Integer number of people that this award is made out to
13	display_order_id	int(11)	Nullable		Display order
14	display_class	text	Nullable		Display class featuring Icon to associate with this award - pick from here: http://getbootstrap.com/components/#glyphicons

mtchi_inno_challenge_categories					
All challenges. Parent table of Challenge Event					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	Primary key for event challenge
2	parent_id	int(10) unsigned	Nullable		Internal: Hierarchical parent Id
3	lft	int(11)			Internal: Display order
4	rgt	int(11)			Internal: Display order
5	level	int(10) unsigned			Internal: Hierarchical level
6	title	text			Implementation: Challenge Name / Title
7	alias	varchar(255)			Implementation: Challenge alias
8	access	tinyint(3) unsigned			Internal: Know Eye Dear
9	path	varchar(255)			Internal: Hierarchical helper field
10	modifytime	timestamp			Last time record was changed
11	event_id	bigint(20)		IX	Id of challenge event
12	description	text	Nullable		Description of challenge, including objective, how winners will be selected
13	display_order_id	int(11)	Nullable		Display order per event basis, starting at 1
14	display_class	text	Nullable		Display class featuring Icon to associate with this challenge - pick from here: https://fontawesome.github.io/Font-Awesome/icons
15	category_blog_id	bigint(20)	Nullable		Category Id that contains blog of articles related to this challenge event
16	article_call_to_action_id	bigint(20)	Nullable		Article Id that contains the call-to-challenge
17	award_id	int(11)	Nullable		Award for this category if the awards are not shared
18	video_url	varchar(255)	Nullable		URL of the video that describes challenge category
19	entry_count	int(11)			Number of successful, non-disqualified entries

mtchi_inno_challenge_entries					
Entrants to a challenge event. Parent table is Challenge, wh					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	Primary key for challenge entry
2	quickcode	varchar(6)	Nullable		Unique entrant quick code from column e in #__inno_quickcodes
3	modifytime	timestamp			Last time record was changed
4	createtime	timestamp	Nullable		create Time
5	entrant_id	bigint(20)			Id of challenge enterer
6	category_id	bigint(20)		IX	Id of challenge Category
7	inno_id	bigint(20)			Id of innovation used to enter with
8	capability	text	Nullable		Description of capability to deliver innovation
9	motivation	text	Nullable		Why this innovation is a good entry for the challenge
10	disqualified	tinyint(1)	Nullable		Mark entry as disqualified
11	disqualification_reason	text	Nullable		Why entry was disqualified
12	excluded_phase_id	int(11)	Nullable		Phase that in this entry was excluded from further judging rounds
13	confirm_attendance	tinyint(1)	Nullable		Confirm attendance on award day
14	confirm_termsandconditions	tinyint(1)	Nullable		Confirm terms and conditions
15	confirm_company_year	int(11)	Nullable		Year founded
16	confirm_number_employees	int(11)	Nullable		Current total number of employees
17	confirm_number_technical	int(11)	Nullable		Number of Developers and/or Technical Staff
18	confirm_track_record	text	Nullable		List the organisations that your firm has done work for in the past
19	confirm_firm_suitability	text	Nullable		Describe why you think your firm would be a good partner for a bank to work with going forward
20	entry_notification_req	tinyint(1)	Nullable		Entry notification required
21	entry_notification_sent	timestamp	Nullable		Entry notification sent
22	finalist_notification_req	tinyint(1)	Nullable		Notification to finalists required
23	finalist_notification_sent	timestamp	Nullable		Notification sent - entry made it to finalists
24	winner_notification_req	tinyint(1)	Nullable		Notification to winner required
25	winner_notification_sent	timestamp	Nullable		Notification sent - entry made it to winners
26	award_notification_req	tinyint(1)	Nullable		Award Notification required
27	award_notification_sent	timestamp	Nullable		Award Notification sent
28	event_notification_req	tinyint(1)	Nullable		Event Notification required
29	event_notification_sent	timestamp	Nullable		Event Notification sent
30	unsuccessful_notification_req	tinyint(1)	Nullable		Unsuccessful Notification required
31	unsuccessful_notification_sent	timestamp	Nullable		Unsuccessful Notification sent
32	entrant_state	varchar(20)			Entrant state: ENTRANT, FINALIST, WINNER, AWARDEE
33	hdyhau_id	int(11)	Nullable		How did you hear about us

mtchi_inno_challenge_entry_awards					
Entry Awards					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	Primary key for event challenge
2	ranking	int(11)	Nullable		Award Ranking, best first usually
3	entry_id	bigint(20)			Entry Id that has been given an award
4	award_id	bigint(20)		IX	Award Id

mtchi_inno_challenge_events					
Master list of all challenge events					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	Primary key for event challenge
2	title	varchar(255)			Challenge Event Name e.g. Standard Bank Annual Innovation Challenge 2014
3	subtitle	varchar(255)	Nullable		Subtitle title. This may include who the sponsor is e.g. Sponsored by Standard Bank
4	alias	varchar(255)			Implementation: Parameter alias
5	createtime	timestamp	Nullable		create Time
6	modifytime	timestamp			Last time record was changed
7	org_id	bigint(20)		IX	Id of organization Sponsoring / Hosting the challenge
8	sub_org_id	bigint(20)	Nullable		Id of organization Co-Sponsoring / Co-Hosting the challenge
9	calloaction	text	Nullable		Call to action text-copy
10	summary	text	Nullable		Summary of the challenge event - usually the first paragraph of calloaction field. Used for reporting.
11	description	text	Nullable		Description of competition
12	scoring	text	Nullable		Description of how scoring will be done.
13	display_class	varchar(50)			Icon to use for this challenge event
14	category_blog_id	bigint(20)	Nullable		Category Id that contains blog of articles related to this challenge event
15	article_call_to_action_id	bigint(20)	Nullable		Article Id that contains the call-to-challenge event
16	article_call_to_action_url	varchar(250)	Nullable		External URL that contains the call-to-challenge event
17	article_scoring_progress_id	bigint(20)	Nullable		Where the scoring proces is reported
18	article_scoresheet_id	bigint(20)	Nullable		The article that holds the scoresheet
19	score_metrics	text	Nullable		Comma-delimited list of judgement metrics for this event
20	score_entries_per_judge	int(11)	Nullable		Number of entries to assign to each judge for scoring
21	judges_quorum	int(11)	Nullable		Minimum number of judges in scoring
22	entry_scoresheet_quorum	int(11)	Nullable		Minimum number of scoresheets per entry
23	timezone	varchar(100)	Nullable		Customer Unix Timezone Name
24	timezone_term	varchar(100)	Nullable		Local non-technical term for timezone
25	regions	varchar(255)	Nullable		Comma-delimited list of region NATO codes that the challenge event is restricted to
26	countries	varchar(255)	Nullable		Comma-delimited list of country NATO codes that this challenge event is restricted to
27	is_shared_awards	tinyint(1)			One set of awards for all challenge items
28	is_anonymous_challenger	tinyint(1)			The Challenger's name will not be mentioned and it will be known as a Matchi Challenge
29	is_award_presentation	tinyint(1)			Challenge event will feature an award presentation
30	is_public_showcase	tinyint(1)			Winner will be showcased
31	is_multi_category	tinyint(1)			Allow entry of innovation to multiple categories
32	is_publicized	tinyint(1)			Does not display on any publically-viewable reports. Useful for prototyping a challenge for a prospective customer.
33	is_categoryvideopublic	tinyint(1)			Challenge videos visible to logged-in users only
34	challengecategories_term	varchar(255)	Nullable		Preferred name for Challenge Categories
35	whatsinitforyou_term	varchar(255)	Nullable		Local term for What's in it for you
36	eventdescription_term	varchar(255)	Nullable		Local term for Event Description
37	challengetimeline_term	varchar(255)	Nullable		
38	scoring_term	varchar(255)	Nullable		

mtchi_inno_challenge_owners					
Challenge event organizers and their roles for each phase					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	Primary key for event challenge
2	modifytime	timestamp			Last time record was changed
3	event_id	bigint(20)		IX	Id of challenge event
4	user_id	bigint(20)		IX	Id of challenge Event owner / organizer / judge
5	phase_id	int(11)	Nullable		Phase that this person plays a role in. Null means for all phases
6	roles_ids	text	Nullable		Comma-delimited list of role Id that this person has. Selected from table mtchi_inno_challenge_picklist_roles.

mtchi_inno_challenge_phases					
All phases					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	PK: Event Phase
2	event_id	int(11)	Nullable		FK: Challenge Event Id
3	modifytime	timestamp			last time record was changed
4	title	text			Phase display title
5	subtitle	text	Nullable		Phase display subtitle
6	description	text	Nullable		Phase description
7	display_order_id	int(11)	Nullable		Display and chronological order
8	display_class	text	Nullable		Display class featugin Icon to associate with this phase - pick from here: http://getbootstrap.com/components/#glyphicons
9	phase_begin	date	Nullable	IX	Begin Date of phase
10	phase_end	date	Nullable		End Date of phase
11	phase_begin_notification_id	int(11)	Nullable		Article Id of notification to announce beginning of phase
12	phase_end_notification_id	int(11)	Nullable		Article Id of notification to announce end of phase
13	phase_action_notification_id	int(11)	Nullable		PROBABLY NOT REUIRED. Article Id of notification for completion of action
14	is_entry	tinyint(1)			Entry happens in this phase
15	is_scoring	tinyint(1)			Scoring happens in this phase
16	is_announcing	tinyint(1)			Accouncement of some sort happens in this phase
17	is_awarding	tinyint(1)			Awarding happens in this phase
18	is_presentation	tinyint(1)			Presentation happens in this phase
19	is_transition	tinyint(1)			True if this is just a landing state for the FSM while waiting for the next phase to start. This phase will normaly not be displayed.

mtchi_inno_challenge_picklist_hdyhau					
How did you hear about us?					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	item_en_gb	varchar(100)			Text in indicated locale
7	short_en_gb	varchar(30)			Shortened name of the item
8	help_en_gb	text	Nullable		Help Text
9	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_challenge_picklist_lifecycle					
All possible states for a challenge. Not all challenges go through each of these states					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	alias	varchar(50)	Nullable		Alias of Lifecycle
6	display_order_id	int(11)	Nullable		Display order
7	item_en_gb	varchar(100)			Text in indicated locale
8	short_en_gb	varchar(50)			Shortened name of the item
9	help_en_gb	text	Nullable		Help Text
10	display_class	text	Nullable		CSS class for displaying this item
11	action_noun	varchar(255)	Nullable		[action_noun] is combined with [..._verb] depending on time context
12	before_verb	varchar(255)	Nullable		Usually requires
13	present_verb	varchar(255)	Nullable		
14	after_verb	varchar(255)	Nullable		

mtchi_inno_challenge_picklist_metrics					
Challenge Metrics Picklist					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Segment Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	category_id	bigint(11)	Nullable		Functional area category on ##_categories.id. If null, display for all categories
7	item_en_gb	varchar(100)			Name of the item
8	short_en_gb	varchar(30)			Shortened name of the item
9	help_en_gb	text	Nullable		Help Text
10	display_class	text	Nullable		CSS class for displaying this item. Pick from http://getbootstrap.com/components/#glyphicons or http://glyphicons.com/

mtchi_inno_challenge_scores					
Scores on Scoresheet					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	Primary key for challenge entry
2	modifytime	timestamp			Last time record was changed
3	scoresheet_id	int(11)	Nullable		Scoresheet that this
4	judge_metric_id	int(11)			FK: Picklist Metric that this was judged on
5	judge_score	decimal(10,0)	Nullable		Judged score for this metric

mtchi_inno_challenge_scoresheets					
Score Sheet					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	Primary key for challenge entry
2	modifytime	timestamp			Last time record was changed
3	entry_id	bigint(20)			Id of challenge entry
4	phase_id	bigint(20)			Phase that the entry is judged in
5	judge_id	bigint(20)			Joomla User Id Person who judges this entry
6	is_done	tinyint(1)	Nullable		Marked when complete
7	judge_comment	text	Nullable		Optional comment for the score awarded

Forum Table Schema




Purpose

Forum management



Conceptual Model

Physical Model


mtchi_inno_forum_attachments

 **id:** bigint(20)
 **post_id:** bigint(20)
poster_id: bigint(20)
title: varchar(255)
alias: varchar(255)
path: varchar(255)
filename: varchar(250)
filetype: varchar(20)
 **display_order_id:** int(11)
createtime: timestamp(0)




mtchi_inno_forum_thread

 **id:** bigint(20)
createtime: datetime(0)
modifytime: timestamp(0)
is_internal_discussion: tinyint(4)
restrict_organization_id: bigint(20)
restrict_access_level_id: bigint(20)
 **subject:** text
discussiontype_id: int(11)
entity_id: bigint(20)




mtchi_inno_forum_picklist_discussiontypes

 **id:** bigint(20)
createtime: datetime(0)
modifytime: timestamp(0)
enabled: tinyint(1)
display_order_id: int(11)
item_en_gb: varchar(100)
short_en_gb: varchar(30)
help_en_gb: text
short_code: varchar(20)
display_class: text

mtchi_inno_forum_posts

 **id:** bigint(20)
createtime: timestamp(0)
 **thread_id:** bigint(20)
poster_id: bigint(20)
reply_to_id: bigint(20)
level: int(11)
 **post:** text

mtchi_inno_forum_views

 **id:** bigint(20)
createtime: timestamp(0)
 **post_id:** bigint(20)
 **viewer_id:** bigint(20)

mtchi_inno_forum_attachments

Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	PK
2	post_id	bigint(20)	Nullable	IX	Attachment to the post
3	poster_id	bigint(20)			
4	title	varchar(255)			
5	alias	varchar(255)			
6	path	varchar(255)			
7	filename	varchar(250)			File name without path
8	filetype	varchar(20)			DOCUMENT, IMAGE, VIDEO
9	display_order_id	int(11)	Nullable	IX	Display order or attachments in post
10	createtime	timestamp			

mtchi_inno_forum_picklist_discussiontypes

Picklist of discussiontypes for forums

Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	item_en_gb	varchar(100)			Text in indicated locale
7	short_en_gb	varchar(30)			Shortened name of the item
8	help_en_gb	text	Nullable		Help Text
9	short_code	varchar(20)	Nullable		Shortcode to make up quickcode URL to relevant entity
10	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_forum_posts					
Posts to threads					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	PK
2	createtime	timestamp			When post was created
3	thread_id	bigint(20)		IX	Forum Thread Id
4	poster_id	bigint(20)			User Id of poster
5	reply_to_id	bigint(20)	Nullable		Specific post responded to
6	level	int(11)	Nullable		Heirarchical level of post in thread
7	post	text	Nullable	IX	Posted message under the given subject

mtchi_inno_forum_thread					
Forum threads					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	PK to Threads
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	is_internal_discussion	tinyint(4)	Nullable		Restrict discussion to members of the same organization
5	restrict_organization_id	bigint(20)	Nullable		Organization Id to which this discussion is restrctied to
6	restrict_access_level_id	bigint(20)	Nullable		Access Level Id to which this discussion is restrctied toAccess Level Id to which this discussion is restricted to
7	subject	text	Nullable	IX	Forum Subject - This is a heading and not the content
8	discussiontype_id	int(11)	Nullable		Discussion type - see mtchi_inno_picklist_forum_discussiontype
9	entity_id	bigint(20)	Nullable		Relevant Innovation Id

mtchi_inno_forum_views					
Post viewing events					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	PK of vewiing event
2	createtime	timestamp			When post was viewed
3	post_id	bigint(20)		IX	Post Id
4	viewer_id	bigint(20)		IX	User Id of post viewer

GeoSpacial Table Schema

Purpose

Geographic data and gazetteers.

Conceptual Model

Physical Model

mtchi_inno_geo_countries

id: bigint(20)

country_num_code: varchar(3)

country_iso_code2: varchar(2)

country_iso_code3: varchar(3)

country_name_en_gb: varchar(100)

country_synonyms: varchar(500)

country_full_name_en_gb: varchar(100)

currency_iso_code3: varchar(3)

currency_num_code: varchar(3)

currency_name_en_gb: varchar(100)

lat_centroid: decimal(17, 14)

long_centroid: decimal(17, 14)

province_types: varchar(255)

financecapital: varchar(255)

region_num_code: varchar(3)

region_num_code_custom: varchar(3)

mtchi_inno_geo_isps

id: int(11)

modifytime: timestamp(0)

ip: varchar(200)

organization: varchar(100)

city: varchar(100)

state: varchar(100)

country: varchar(100)

iso_country: varchar(10)

longitude: varchar(20)

latitude: varchar(20)

is_banned_ip: tinyint(1)

banned_date: timestamp(0)

banned_reason: varchar(200)

banned_infraction_count: int(11)

mtchi_inno_geo_cities

id: bigint(20)

country_id: int(11)

country_iso_code2: varchar(3)

country_name_en_gb: varchar(100)

city_name_en_gb: varchar(100)

lat_centroid: decimal(17, 14)

long_centroid: decimal(17, 14)

timezone: varchar(100)

mtchi_inno_geo_postcodes

id: int(11)

modifytime: timestamp(0)

iso_countrycode: char(2)

postcode: varchar(20)

placename: varchar(180)

adminname1: varchar(100)

admincode1: varchar(20)

adminname2: varchar(100)

admincode2: varchar(20)

adminname3: varchar(100)

admincode3: varchar(20)

latitude: decimal(10, 7)

longitude: decimal(10, 7)

accuracy: tinyint(4)

mtchi_inno_geo_provinces

id: int(11)

create_time: timestamp(0)

enabled: tinyint(1)

display_order_id: int(11)

province_iso_code: varchar(12)

country_iso_code2: char(2)

country_id: int(11)

local_name: varchar(64)

province_en_gb: varchar(64)

alternate_names: varchar(255)

type: varchar(64)

governance: varchar(100)

mtchi_inno_geo_timezones

id: bigint(20)

create_time: datetime(0)

modifytime: timestamp(0)

enabled: tinyint(1)

display_order_id: int(11)

category_id: bigint(11)

item_en_gb: varchar(100)

unixtimezone: varchar(30)

help_en_gb: text

value: varchar(10)

display_class: text

mtchi_inno_geo_region_countries

id: bigint(20)

region_id: bigint(20)

country_id: bigint(20)

region_num_code: varchar(3)

country_num_code: varchar(3)

name_en_gb: varchar(100)

eventtime: timestamp(0)

type: char(1)

mtchi_inno_geo_iprange_country

id: bigint(20)

ipaddr_start: varchar(255)

ipaddr_end: varchar(255)

ipnum_start: varchar(255)

ipnum_end: varchar(255)

isocode: varchar(255)

country: varchar(255)

mtchi_inno_geo_regions

id: int(20)

parent_id: int(20)

level: int(11)

region_num_code: varchar(3)

name_en_gb: varchar(100)

desc_en_gb: varchar(200)

mtchi_inno_geo_cities					
Cities and the UN Countries that they are in					
ID	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Local surrogate key
2	country_id	int(11)	Nullable	IX	Index to UN Country database
3	country_iso_code2	varchar(3)	Nullable		ISO Country 2-letter Code
4	country_name_en_gb	varchar(100)			Country name
5	city_name_en_gb	varchar(100)		IX	Country name
6	lat_centroid	decimal(17,14)	Nullable		City geographical centroid
7	long_centroid	decimal(17,14)	Nullable		City geographical centroid
8	timezone	varchar(100)	Nullable		UNIX Timezone

mtchi_inno_geo_countries					
UN and ISO Countries and their currencies					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Local surrogate key
2	country_num_code	varchar(3)	Nullable		United Nations numerical Country Code
3	country_iso_code2	varchar(2)	Nullable		ISO Country 2-letter Code
4	country_iso_code3	varchar(3)	Nullable		ISO Country 3-letter Code
5	country_name_en_GB	varchar(100)			Country name in English
6	country_synonyms	varchar(500)	Nullable		Pipe-delimited list of synonyms
7	country_full_name_en_GB	varchar(100)	Nullable		Full official Country name in English
8	currency_iso_code3	varchar(3)			ISO Currency 3-letter Code
9	currency_num_code	varchar(3)			ISO Currency numerical Code
10	currency_name_en_GB	varchar(100)			Currency name in English
11	lat_centroid	decimal(17,14)	Nullable		Country geographical centroid
12	long_centroid	decimal(17,14)	Nullable		Country geographical centroid
13	province_types	varchar(255)	Nullable		Type of regionalization
14	financecapital	varchar(255)	Nullable		
15	region_num_code	varchar(3)	Nullable		UN Region Code - furthest leaf in tree
16	region_num_code_custom	varchar(3)	Nullable		Customized regionalization

mtchi_inno_geo_iprange_country					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	
2	ipaddr_start	varchar(255)	Nullable		
3	ipaddr_end	varchar(255)	Nullable		
4	ipnum_start	varchar(255)	Nullable		
5	ipnum_end	varchar(255)	Nullable		
6	isocode	varchar(255)	Nullable		
7	country	varchar(255)	Nullable		

mtchi_inno_geo_isps					
Details about all IP Addresses on system					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	modifytime	timestamp			Last time record was changed
3	ip	varchar(200)			
4	organization	varchar(100)	Nullable		
5	city	varchar(100)	Nullable		
6	state	varchar(100)	Nullable		
7	country	varchar(100)	Nullable		
8	iso_country	varchar(10)	Nullable		
9	longitude	varchar(20)	Nullable		
10	latitude	varchar(20)	Nullable		
11	is_banned_ip	tinyint(1)	Nullable		Set if this IP caused problems
12	banned_date	timestamp	Nullable		When this IP was first banned
13	banned_reason	varchar(200)	Nullable		Reason for banning this IP
14	banned_infraction_count	int(11)	Nullable		Number of infractions on this IP

mtchi_inno_geo_postcodes					
Geographic details all all postcodes					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	modifytime	timestamp			Last time record was changed
3	iso_countrycode	char(2)	Nullable	IX	2-letter iso country code
4	postcode	varchar(20)	Nullable	IX	Postcode or Zipcode
5	placename	varchar(180)	Nullable		Name of location
6	adminname1	varchar(100)	Nullable		1st order subdivision: state/province/canton/county/voivodeship/etc
7	admincode1	varchar(20)	Nullable		1st order subdivision code
8	adminname2	varchar(100)	Nullable		2nd order subdivision (county/province)
9	admincode2	varchar(20)	Nullable		2nd order subdivision (county/province)
10	adminname3	varchar(100)	Nullable		3rd order subdivision (community)
11	admincode3	varchar(20)	Nullable		3rd order subdivision (community) code
12	latitude	decimal(10,7)	Nullable		estimated latitude (wgs84)
13	longitude	decimal(10,7)	Nullable		estimated longitude (wgs84)
14	accuracy	tinyint(4)	Nullable		Accuracy of lat/lng from 1=estimated to 6=centroid

mtchi_inno_geo_provinces					
Provinces					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	PK Id
2	createtime	timestamp	Nullable		Create Time
3	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
4	display_order_id	int(11)			Display Order per Country
5	province_iso_code	varchar(12)	Nullable		ISO code
6	country_iso_code2	char(2)			ISO code
7	country_id	int(11)	Nullable	IX	FK (and also NATO code}
8	local_name	varchar(64)	Nullable		Interesting but not useful
9	province_en_gb	varchar(64)	Nullable		Use this column for selections
10	alternate_names	varchar(255)	Nullable		Interesting but not useful
11	type	varchar(64)			Interesting but not useful
12	governance	varchar(100)	Nullable		Type of governance area

mtchi_inno_geo_regions					
Locking regions					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(20)		PK	Local surrogate key
2	parent_id	int(20)	Nullable		Hierarchy
3	level	int(11)	Nullable		
4	region_num_code	varchar(3)	Nullable		UN Region numerical Code
5	name_en_GB	varchar(100)			Region name
6	desc_en_GB	varchar(200)			Region description

mtchi_inno_geo_region_countries					
Countries that belong to a region					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Local surrogate key
2	region_id	bigint(20)			Region Id
3	country_id	bigint(20)	Nullable		Key to country
4	region_num_code	varchar(3)		IX	Region numeric UN Code
5	country_num_code	varchar(3)	Nullable	IX	Code for country
6	name_en_GB	varchar(100)	Nullable		Contry Name
7	eventtime	timestamp			Time of creation
8	type	char(1)	Nullable		R=region, C=country

mtchi_inno_geo_timezones					
Timezone Picklist					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Timezone Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	category_id	bigint(11)	Nullable		Functional area category on ##_categories.id. If null, display for all categories
7	item_en_gb	varchar(100)			Name of the item
8	unixtimezone	varchar(30)			UNIX name of the time zone
9	help_en_gb	text	Nullable		Help Text
10	value	varchar(10)			Mapped value of this field. This is just an indicator and does not include for daylight adjustments or other political machinations.
11	display_class	text	Nullable		CSS class for displaying this item. Pick from http://getbootstrap.com/components/#glyphicons or http://glyphicons.com/

mtchi_inno_picklist_countries					
Picklist of Countries					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Segment Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	category_id	bigint(11)	Nullable		Not used
7	item_en_gb	varchar(100)			Name of the item, en-GB
8	short_en_gb	varchar(30)	Nullable		Shortened name of the item, en-GB
9	help_en_gb	text	Nullable		Help Text, en-GB
10	display_class	text	Nullable		CSS class for displaying this item. Usually contains a glyph.
11	is_innovator	tinyint(1)	Nullable		We have at least 1 innovator in this country
12	is_buyer	tinyint(1)	Nullable		We have at least 1 buyer in this country
13	is_sponsor	tinyint(1)	Nullable		We have at least 1 sponsor in this country
14	is_organization	tinyint(1)	Nullable		We have at least 1 organization in this country

mtchi_inno_picklist_regions					
Picklist of Geographical Regions					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Segment Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	category_id	bigint(11)	Nullable		Not used
7	item_en_gb	varchar(100)			Name of the item, en-GB
8	short_en_gb	varchar(30)			Shortened name of the item, en-GB
9	help_en_gb	text	Nullable		Help Text, en-GB
10	display_class	text	Nullable		CSS class for displaying this item. Usually contains a glyph.

Innovation Table Schema

Purpose

Innovation data capture and life-cycle management.

Conceptual Model

Physical Model

Innovation Management

mtchi_inno					
Main Innovation data					
ID	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Lock cycle history id
2	category_id	bigint(20)	Nullable		
3	quickcode	varchar(6)	Nullable	IX	Assigned by a trigger on record creation
4	owner_id	int(11)		IX	Joomla User Id who owns the innovation
5	creator_id	int(11)			Joomla User Id who created the innovation as it could be created by ops on behalf of owner
6	modifier_id	int(11)			Joomla User Id who last modified the innovation
7	operator_id	bigint(11)	Nullable		Operator Id who has is currently operating this item
8	createtime	datetime	Nullable		Record creation time
9	create_token	varchar(30)	Nullable		Temporary token used during record creation
10	modifytime	timestamp			Last time record was changed
11	state	varchar(20)	Nullable		Current state in the FSM: ABANDONED,ACCEPTED,ARCHIVED,AWAITINGPAYMENT,PROCESSINGPAYMENT,CHANGEREQUESTTIMEOUT,CLOAKED,EDITING,EXSPONSOR,MODERATING,NEG REVIEWINGTIMEOUT,REVOKED,SPONSORLOCKED,SPONSORPREVIEW,SU
12	state_prev	varchar(20)			Previous state. If not known, then it is empty string
13	state_max	varchar(20)			High water mark of state. If not known, then it is empty string
14	state_notified	varchar(20)			Last state change that was notified. If not known, then it is empty string
15	state_changed	datetime	Nullable		Last time when state was changed
16	state_changed_max	datetime	Nullable		
17	published_date	datetime	Nullable		When innovation was first published
18	title	text	Nullable		Innovation title
19	detailed_description	text	Nullable		Innovation detailed description
20	redacted_description	text	Nullable		Ops-summarized description
21	background_information	text	Nullable		Background description
22	innovation_goals	text	Nullable		Innovation goals
23	benefit1	text	Nullable		Benefit - need at least one
24	benefit2	text	Nullable		Benefit
25	benefit3	text	Nullable		Befefit
26	problem_statement	text	Nullable		Problem that this innovation is trying to solve
27	magic_metric	text	Nullable		A metric to quote for a 10-second pitch
28	customers	text	Nullable		Past and existing customers
29	keywords	text	Nullable		Series of keywords
30	video_url	varchar(100)	Nullable		Full URL of video on video provider
31	site_url	varchar(100)	Nullable		Full URL of innovation
32	business_segments	text	Nullable		Comma-delimited list of ids from mtchi_inno_picklist_business_segments
33	functional_areas	text	Nullable		Comma-delimited list of ids from mtchi_inno_picklist_functional_areas
34	fintech_themes	text	Nullable		Comma-delimited list of ids from mtchi_inno_picklist_fintech_themes
35	novelty_id	int(11)	Nullable		See table mtchi_inno_picklist_novelty
36	attribution_id	int(11)	Nullable		See table mtchi_inno_picklist_attribution
37	lifecycle_id	int(11)	Nullable		See table mtchi_inno_picklist_lifecycle
38	ownership_id	int(11)	Nullable		See table mtchi_inno_picklist_ownership
39	commentary	text	Nullable		Review commentary to be included in innovation report. Can include HTML formatting.
40	commentary_added	datetime	Nullable		Datetime when commentary was added
41	commentary_added_userid	int(11)	Nullable		User who added commentary
42	ratings_total	bigint(11)	Nullable		Total number of ratings received so far
43	ratings_sum	decimal(20,10)	Nullable		Sum of rating values received so far
44	ratings_average	decimal(20,10)	Nullable		Calculated average rating
45	ratings_percentage	decimal(20,10)	Nullable		Calculated average rating as a percentage
46	reviews_total	bigint(11)	Nullable		Total number of reveiws received so far
47	votes_up_total	bigint(11)	Nullable		Total number of up-votes received so far
48	votes_down_total	bigint(11)	Nullable		Total number of down-votes received so far
49	number_attachments	bigint(11)	Nullable		Number of attachments
50	number_contacts	bigint(11)	Nullable		Contacts made
51	number_engagements	bigint(11)	Nullable		Engagements made
52	number_views	bigint(11)	Nullable		External views had since the beginning of the innovation's life cycle
53	number_views_sliding_window	bigint(20)	Nullable		Number of External views over a sliding window, defined in the config AggregateInnoViewed
54	is_featured	tinyint(1)			Innovation is a featured innovation.
55	featuredtime	datetime	Nullable		When innovation started being featured
56	is_trialvisible	tinyint(1)			Trial-based subscription can see this innovation

		unsigned			
57	is_hidden	tinyint(1)			Override to not show in any report
58	search_terms	text	Nullable		Collection of unique space-delimited words extracted from all the content fields, used for GUI
59	search_terms_updated	timestamp	Nullable		Marker of when the search terms were last updated. Only update when modifytime > this

mtchi_inno_attachments					
Innovation Attachments					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	parent_id	int(10) unsigned			Internal: Hierarchical parent Id
3	lft	int(11)		IX	Internal: Display order
4	rgt	int(11)			Internal: Display order
5	level	int(10) unsigned			Internal: Hierarchical level
6	title	varchar(255)			Implementation: Attachment Display Title
7	alias	varchar(255)			Implementation: Parameter alias
8	token	varchar(255)			Implementation: token place holder
9	access	tinyint(3) unsigned			Internal: Know Eye Dear
10	path	varchar(255)			Internal: Hierarchical helper field
11	createtime	timestamp			Record creation time
12	inno_id	bigint(20)		IX	Innovation Id PK
13	quickcode	varchar(6)	Nullable		Innovation' unique quickcode
14	filename	varchar(250)			File name without path
15	filetype	varchar(20)			DOCUMENT, IMAGE, VIDEO
16	order_id	int(11)	Nullable		local order
17	video_url	varchar(20)	Nullable		Full URL of video on video provider

mtchi_inno_picklist_attribution					
Picklist					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	category_id	bigint(11)	Nullable		Business category on ##_categories.id. If null, display for all categories
7	item_en_gb	varchar(100)			Text in indicated locale
8	short_en_gb	varchar(30)			Shortened name of the item
9	help_en_gb	text	Nullable		Help Text
10	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_picklist_business_segments					
Hierarchical Picklist for Business Segments					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Segment Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	parent_id	int(11)	Nullable		Pointer to Parent category
6	level	int(11)	Nullable		Display level. Convention: 0=system root, 1=highest level
7	display_order_id	int(11)	Nullable		Display order
8	is_not_parent	tinyint(1)	Nullable		Has no children
9	is_parent	tinyint(1)	Nullable		
10	item_en_gb	varchar(100)			Name of the item
11	short_en_gb	varchar(30)			Shortened name of the item
12	help_en_gb	text	Nullable		Help Text
13	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_picklist_fintech_themes					
Picklist					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	parent_id	int(11)	Nullable		Pointer to Parent category
6	level	int(11)	Nullable		Display level. Convention: 0=system root, 1=highest level
7	is_parent	tinyint(1)	Nullable		
8	is_not_parent	tinyint(1)	Nullable		Has no children, i.e. end-of-branch. Selectable on data entry.
9	display_order_id	int(11)	Nullable		Display order
10	item_en_gb	varchar(100)			Text in indicated locale
11	short_en_gb	varchar(30)			Shortened name of the item
12	help_en_gb	text	Nullable		Help Text
13	display_class	text	Nullable		CSS class for displaying this item
14	inno_count	int(11)			Number of innovations that refer to this theme

mtchi_inno_picklist_functional_areas					
Business Segment Picklist					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Segment Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	category_id	bigint(11)	Nullable		Functional area category on ##_categories.id. If null, display for all categories
7	item_en_gb	varchar(100)			Name of the item
8	short_en_gb	varchar(30)			Shortened name of the item
9	help_en_gb	text	Nullable		Help Text
10	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_picklist_industries					
Picklist of Innovation States					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Segment Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	category_id	bigint(11)	Nullable		Functional area category on #_categories.id. If null, display for all categories
7	item_en_gb	varchar(100)			Name of the item
8	short_en_gb	varchar(30)			Shortened name of the item
9	help_en_gb	text	Nullable		Help Text
10	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_picklist_inno_latest_views					
Picklist					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	item_en_gb	varchar(100)			Text in indicated locale
7	short_en_gb	varchar(30)			Shortened name of the item
8	help_en_gb	text	Nullable		Help Text
9	system_view_name	varchar(100)			Text in indicated locale

mtchi_inno_picklist_lifecycle					
Picklist					
ID	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Segment Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	category_id	bigint(11)	Nullable		Business category on ##_categories.id. If null, display for all categories
7	item_en_gb	varchar(100)			Name of the item
8	short_en_gb	varchar(30)			Shortened name of the item
9	help_en_gb	text	Nullable		Help Text
10	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_picklist_novelty					
Picklist					
ID	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	category_id	bigint(11)	Nullable		Business category on ##_categories.id. If null, display for all categories
7	item_en_GB	varchar(100)			Text in indicated locale
8	help_en_gb	text	Nullable		Help Text
9	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_picklist_ownership					
Picklist					
ID	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	category_id	bigint(11)	Nullable		Business category on ##_categories.id. If null, display for all categories
7	item_en_gb	varchar(100)			Text in indicated locale
8	help_en_gb	text	Nullable		Help Text
9	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_picklist_states					
Picklist of Innovation States					
ID	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Segment Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	category_id	bigint(11)	Nullable		Functional area category on #_categories.id. If null, display for all categories
7	alias	varchar(30)	Nullable		The technical name by which the state is referred to
8	item_en_gb	varchar(100)			Name of the item
9	short_en_gb	varchar(30)			Shortened name of the item
10	help_en_gb	text	Nullable		Help Text
11	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_quickcodes					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(8)	Nullable	IX	Primary key. Also used by i = innovations
2	a	int(11)	Nullable	IX	Attachments
3	c	int(11)	Nullable	IX	Challenge Categories
4	d	int(11)	Nullable	IX	Challenge Event
5	e	int(11)	Nullable	IX	Challenge Entries
6	i	int(11)	Nullable	IX	Innovations
7	k	int(11)	Nullable	IX	Keywords
8	m	int(11)	Nullable	IX	Messages - Private
9	o	int(11)	Nullable	IX	Organizations
10	p	int(11)	Nullable	IX	Posts
11	t	int(11)	Nullable	IX	Threads
12	v	int(11)	Nullable	IX	Videos
13	u	int(11)	Nullable	IX	Users
14	quickcode	varchar(8)	Nullable		Actual Quickcode

mtchi_inno_ratings					
Innovation Ratings					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(11)		PK	
2	createtime	timestamp			When rating was made
3	inno_id	bigint(11)		IX	Innovation Id
4	inno_quickcode	varchar(6)	Nullable	IX	Innovation Quickcode
5	user_id	bigint(11)		IX	User Id who made rating
6	rating	decimal(20,10)	Nullable		User rating for the innovation
7	ip	varchar(100)	Nullable		User IP address at the time of making the rating

mtchi_inno_shared_users					
Sharing innovations between innovations					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	PK Id because all important tables should have a sequential id
2	inno_id	bigint(20)			Innovation to share
3	owner_id	bigint(20)			Innovation owner who sharing this innovation
4	sharer_id	bigint(20)			Non-owner user with whom this innovation is shared
5	sharename	varchar(200)	Nullable		The name under which these innovations have been shared, usually users' Company name
6	modifytime	timestamp			Last time record was changed

Lock Table Schema

Purpose

Facilitates exclusive locking of innovations for the first 30 days from acceptable so that only innovation sponsors can see them.

Conceptual Model

Physical Model

mtchi_inno_lock

🔑 id: bigint(20)
 ♦ inno_id: bigint(20)
 region_id: bigint(20)
 eventtime: timestamp(0)
 lock_state: varchar(20)
 lock_state_change_timestamp: datetime(0)
 ♦ lock_propose_user_id: bigint(20)
 lock_propose_reason: text
 lock_propose_start: datetime(0)
 lock_propose_end: datetime(0)
 lock_propose_voters_total: int(11)
 lock_propose_voters_quorum: int(11)
 lock_propose_voters_voted: int(11)
 lock_propose_voters_for: int(11)
 lock_propose_voters_against: int(11)
 ♦ lock_user_id: bigint(20)
 lock_start: datetime(0)
 lock_end: datetime(0)
 extension_lock_req_user_id: bigint(20)
 extension_requested_timestamp: datetime(0)
 ♦ extension_lock_agree_user_id: bigint(20)
 extension_agreed_timestamp: datetime(0)
 extension_total_days: int(11)
 extension_cycle_count: int(11)
 extension_days: int(11)
 extension_days_changed: datetime(0)

mtchi_inno_history_lock

🔑 id: bigint(20)
 eventtime: timestamp(0)
 ♦ lock_id: bigint(20)
 lock_state: varchar(20)
 action_desc: text
 action_code: varchar(20)
 action_user_id: bigint(20)

mtchi_inno_lock

Innovation lock core table

Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	
2	inno_id	bigint(20)	Nullable	IX	Innovation that is locked
3	region_id	bigint(20)	Nullable		Region for which the Innovation is locked
4	eventtime	timestamp			Last record change
5	lock_state	varchar(20)	Nullable		Local state of the lock. See ~/libraries/matchi/default.php
6	lock_state_change_timestamp	datetime	Nullable		When lock state was changed
7	lock_propose_user_id	bigint(20)	Nullable	IX	User id who proposed lock of innovation - only one user can propose a lock
8	lock_propose_reason	text	Nullable		Reason for proposing lock
9	lock_propose_start	datetime	Nullable		When the lock was proposed
10	lock_propose_end	datetime	Nullable		When the lock proposal will time out
11	lock_propose_voters_total	int(11)	Nullable		Total number of users who can vote
12	lock_propose_voters_quorum	int(11)	Nullable		Number of votes to validate vote
13	lock_propose_voters_voted	int(11)	Nullable		Number of users who voted so far
14	lock_propose_voters_for	int(11)	Nullable		Number of users who voted in favour of locking
15	lock_propose_voters_against	int(11)	Nullable		Number of users who voted in favour of locking
16	lock_user_id	bigint(20)	Nullable		User id who locked innovation
17	lock_start	datetime	Nullable		When lock starts
18	lock_end	datetime	Nullable		When lock ends
19	extension_lock_req_user_id	bigint(20)	Nullable		User id who requested the extension
20	extension_requested_timestamp	datetime	Nullable		When extension was requested
21	extension_lock_agree_user_id	bigint(20)	Nullable		User id who agreed to the lock extension
22	extension_agreed_timestamp	datetime	Nullable		When last extension was agreed
23	extension_total_days	int(11)	Nullable		Days that lock was extended for in this cycle
24	extension_cycle_count	int(11)	Nullable		Number of extension so far
25	extension_days	int(11)	Nullable		Current count of days in this particular lock extension
26	extension_days_changed	datetime	Nullable		When day marker was last changed

mtchi_inno_history_lock					
Innovation locking lifecycle history - a new record for every					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Lock cycle history id
2	eventtime	timestamp	Nullable		Event Time
3	lock_id	bigint(20)	Nullable	IX	FK: Locked Inno
4	lock_state	varchar(20)	Nullable		Sponsor-specific state of the lock. See ~/libraries/matchi/default.php
5	action_desc	text	Nullable		Description of action performed
6	action_code	varchar(20)	Nullable		Code for the action performed
7	action_user_id	bigint(20)	Nullable		Relevant user id who performed action

Login and Subscription Table Schema

Purpose

Conceptual Model

Physical Model



mtchi_inno_login_blacklisted_domains					
Email domain blacklists					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	update_time	timestamp	Nullable	IX	Update Time
3	regex	varchar(100)			RegEx for blacklisted item type

mtchi_inno_login_picklist_hdyhau					
How did you hear about us?					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	item_en_gb	varchar(100)			Text in indicated locale
7	short_en_gb	varchar(30)			Shortened name of the item
8	help_en_gb	text	Nullable		Help Text
9	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_login_picklist_lifecycle					
User Lifecycle State					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	is_enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	alias	varchar(50)	Nullable		Alias of Lifecycle
6	display_order_id	int(11)	Nullable		Display order
7	item_en_gb	varchar(100)			Text in indicated locale
8	short_en_gb	varchar(30)			Shortened name of the item
9	help_en_gb	text	Nullable		Help Text
10	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_login_picklist_profile_progress					
User Profile Progress State					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	is_enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	alias	varchar(50)	Nullable		Alias of Lifecycle
6	display_order_id	int(11)	Nullable		Display order
7	item_en_gb	varchar(100)			Text in indicated locale
8	short_en_gb	varchar(30)			Shortened name of the item
9	help_en_gb	text	Nullable		Help Text
10	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_login_picklist_subscription_plans					
Subscription Plans					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		DO NOT USE. Legacy. Use is_userselectable or is_opsselectable instead. To be removed from PHP code.
5	is_userselectable	tinyint(1)			If enabled, allow it to be a selectable option. This also needs to be set for parent plans for the child plans to be user-selectable.
6	is_opsselectable	tinyint(1)			Visible to Ops user even if not visible to Self-registration users
7	is_trialplan	tinyint(1)			TRUE if this is a trial plan.
8	display_order_id	int(11)	Nullable		Display order
9	parent_id	bigint(20)	Nullable		Parent Id for grouping types - null means no parent
10	level	int(11)	Nullable		Hierarchy level
11	alias	varchar(50)	Nullable		Plan Alias
12	eventtype	varchar(100)	Nullable		NOT USED ANY MORE.
13	event_signup_type	varchar(100)	Nullable		User self-signup event tag
14	event_signup_type_ops	varchar(100)	Nullable		User self-signup event tag to OPS
15	event_rejection_type	varchar(100)	Nullable		NOT USED Event Tag to identify rejection to users(not used)
16	event_rejection_type_ops	varchar(100)	Nullable		NOT USED Event Tag to identify rejection to ops(not used)
17	event_create_type	varchar(100)	Nullable		NOT USED
18	event_create_type_ops	varchar(100)	Nullable		NOT USED
19	item_type	varchar(100)	Nullable		Usecase. Any new use cases need to have definitions added to the component style sheet, e. register_main_[this use case]_...
20	item_alias	varchar(100)	Nullable		
21	item_en_gb	varchar(100)			Text in indicated locale
22	short_en_gb	varchar(30)			Shortened name of the item
23	help_en_gb	text	Nullable		Help Text
24	html_en_gb	text	Nullable		HTML description of the option
25	display_class	text	Nullable		CSS class for displaying this item. We like to use FontAwesome for icons!
26	display_image_path	varchar(100)	Nullable		Graphics to display for item.. Normally only used for plan groups.
27	display_icon_path	varchar(100)	Nullable		Icon to display for item.. Normally only used for plan groups.
28	display_item_after	text	Nullable		
29	price_value	decimal(10,0)			Total value of the subscription in system default currency
30	price_description	text	Nullable		Description of the price
31	billingcycle_value	decimal(10,0)	Nullable		Amount to bill per billing cycle. Last bill in cycle adjusted to price_value for subscription.
32	billingcycle_id	int(11)	Nullable		Billing Cycle for recurring subscriptions
33	assigned_group	int(11)	Nullable		Single assigned group. To be replaced by comma-dimited field assigned_groups
34	assigned_groups	text	Nullable		Comma-delimited list of group to assign successfull registration to
35	duration_days	int(11)	Nullable		Duration in days. If -1, then forever.
36	grace_days	int(11)			Grace period after the trial has expired
37	termsandconditions_article_id	int(11)	Nullable		Terms and conditions Joomla Article Id
38	is_innovator	tinyint(1)			Usecase
39	is_buyer	tinyint(1)			Usecase Buyer
40	is_sponsor	tinyint(1)			Usecase
41	is_staff	tinyint(1)			Set this is this a Colleague subscription

mtchi_inno_login_plan_notification_config					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	is_enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	plan_id	int(11)	Nullable		Plan for which this notification is meant
6	days_formula	varchar(100)	Nullable		Formula using the plan attributes / fieldnames
7	is_closeaccount	tinyint(1)	Nullable		Close the account if set to true
8	eventtype	varchar(50)	Nullable		Event to fire
9	display_order_id	int(11)	Nullable		Display order
10	item_en_gb	varchar(100)			Name of notification
11	short_en_gb	varchar(30)			Shortened name of the item
12	help_en_gb	text	Nullable		Description of notification
13	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_login_plan_notification_events					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	timestamp			Last time record was changed
3	plan_notification_id	int(11)	Nullable		Plan notification for which this event was fired
4	subscription_id	int(11)	Nullable		Subscription for which this this event was fired
5	event_id	int(11)	Nullable		Event Id that was fired

mtchi_inno_login_registration_log					
Attempted failed registrations					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	eventtime	timestamp	Nullable		Event Time
3	result_code	int(11)			Error Code: 0, 2001, 2002
4	result_desc	varchar(500)			e.g. Blacklisted domain
5	ip	varchar(200)	Nullable	IX	Tracked IP address
6	email	varchar(200)	Nullable		Email address
7	username	varchar(200)	Nullable		Username
8	password	varchar(200)	Nullable		Password (encrypted)
9	firstname	varchar(200)	Nullable		First name
10	lastname	varchar(200)	Nullable		Last name
11	organization	varchar(200)	Nullable		Org Name
12	url	varchar(200)	Nullable		Org URL
13	city	varchar(100)	Nullable		City
14	province	varchar(100)	Nullable		Province name
15	country	varchar(200)	Nullable		Country
16	region	varchar(100)	Nullable		
17	telephone	varchar(100)	Nullable		Direct telephone to individual
18	hdyhau_id	int(11)	Nullable		How did you hear about us
19	subscription_plan_id	int(11)	Nullable		Scam subscription selection

mtchi_inno_login_subscriptions					
Subscription Terms					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	
2	user_id	bigint(20)	Nullable	IX	NOT USED. REMOVE FROM CODE
3	subscription_plan_id	int(11)	Nullable		Membership plan Id
4	previous_subscription_id	int(11)	Nullable		Points to previous subscription
5	state	varchar(50)			Subscription state
6	startdate	datetime	Nullable		Start subscription date
7	enddate	datetime	Nullable		End subscription date

mtchi_inno_login_subscription_billingcycles					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	title	varchar(255)	Nullable		
3	description	varchar(255)	Nullable		
4	monthsperbilling	int(11)	Nullable		Number of months between billings

mtchi_inno_login_subscription_exclusives					
Exclusivity domains for subscriptions					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	modifytime	timestamp			Last time record was changed
3	is_enabled	tinyint(1)			If enabled, allow exclusivity logic to be applied
4	subscription_id	int(11)			FK to subscription
5	description	text	Nullable		Description of Exclusivity Domain
6	country_ids	text	Nullable		Comma-delimited list of country IDs that form an exclusive domain
7	theme_ids	text	Nullable		Comma-delimited list of theme IDs that form an exclusive domain
8	industry_ids	text	Nullable		Comma-delimited list of Industry IDs that form an exclusive domain
9	functional_areas_ids	text	Nullable		Comma-delimited list of functional area IDs that form an exclusive domain
10	business_segments_ids	text	Nullable		Comma-delimited list of business segment IDs that form an exclusive domain

mtchi_inno_login_subscription_plans					
Subscription Plans					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	is_userselectable	tinyint(1)			If enabled, allow it to be a selectable option
5	is_opsselectable	tinyint(1)			Visible to Ops user even if not visible to Self-registration users
6	is_trialplan	tinyint(1)			TRUE if this is a trial plan.
7	display_order_id	int(11)	Nullable		Display order
8	parent_id	bigint(20)	Nullable		Parent Id for grouping types - null means no parent
9	level	int(11)	Nullable		Hierarchy level
10	alias	varchar(50)	Nullable		Plan Alias
11	eventtype_signup	varchar(100)	Nullable		User self-signup event tag
12	eventtype_signup_ops	varchar(100)	Nullable		User self-signup event tag to OPS
13	event_rejection_type	varchar(100)	Nullable		Event Tag to identify rejection to users
14	event_rejection_type_ops	varchar(100)	Nullable		Event Tag to identify rejection to users
15	usecase	varchar(100)	Nullable		Usecase
16	item_alias	varchar(100)	Nullable		
17	item_en_gb	varchar(100)			Text in indicated locale
18	short_en_gb	varchar(100)			Shortened name of the item
19	help_en_gb	text	Nullable		Help Text
20	html_en_gb	text	Nullable		HTML description of the option
21	display_class	text	Nullable		CSS class for displaying this item
22	display_image_path	varchar(100)	Nullable		
23	display_icon_path	varchar(100)	Nullable		
24	display_item_after	text	Nullable		What to display after the item description. Examples: Popular Top Value Annual Eat-all-you-can Matchi Colleagues! Slice of Pie!
25	price_value	decimal(10,0)			Total value of the subscription in system default currency
26	price_description	text	Nullable		Description of the price
27	billingcycle_value	decimal(10,0)	Nullable		Amount to bill per billing cycle. Last bill in cycle adjusted to price_value for subscription.
28	billingcycle_id	int(11)	Nullable		Billing Cycle for recurring subscriptions
29	assigned_group	int(11)	Nullable		Single assigned group. To be replaced by comma-dlimited field assigned_groups
30	assigned_groups	text	Nullable		Comma-delimited list of group to assign successfull registration to
31	duration_days	int(11)	Nullable		Duration in days. If -1, then forever.
32	grace_days	int(11)			Grace period after the trial has expired
33	termsandconditions_article_id	int(11)	Nullable		Terms and conditions Joomla Article Id
34	is_innovator	tinyint(1)			Usecase
35	is_buyer	tinyint(1)			Usecase Buyer
36	is_sponsor	tinyint(1)			Usecase
37	is_staff	tinyint(1)			Set this is this a Colleague subscription

mtchi_inno_login_subscription_states					
Subscription Lifecycle State					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	is_enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	alias	varchar(50)	Nullable		Alias of Lifecycle
6	display_order_id	int(11)	Nullable		Display order
7	item_en_gb	varchar(100)			Text in indicated locale
8	short_en_gb	varchar(30)			Shortened name of the item
9	help_en_gb	text	Nullable		Help Text
10	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_login_users					
Additional user attributes					
ID	Column	Type	Nullable	Indexed	Description
1	sk	bigint(20)		PK	
2	user_id	bigint(20)			FK to mtchi_inno_users.id
3	quickcode	varchar(6)	Nullable		Quickcode from id=#__inno_quickcode.u
4	createtime	timestamp	Nullable		Create Time
5	modifytime	timestamp	Nullable		
6	firstname	varchar(100)	Nullable		First name
7	lastname	varchar(100)	Nullable		Last name
8	avatar	varchar(100)	Nullable		A .png file
9	avatarchecksum	varchar(200)	Nullable		MD5 File Checksum for avatar file
10	job_title	varchar(150)	Nullable		Role
11	department	varchar(200)	Nullable		Department
12	organization	varchar(100)	Nullable	IX	Organization name as entered by the user. Do not use this value in queries if an organization_id has been attributed to this user.
13	organization_id	int(11)	Nullable	IX	Organization lookup Id. With this in place, you should ignore the organization name field
14	url	varchar(100)	Nullable		Organization Website as entered by the user. Do not use this value in queries if an organization_id has been attributed to this user.
15	organization_type	varchar(100)	Nullable		Type of org, as entered by the user. Ignore this once organization_id is populated
16	city	varchar(100)	Nullable		City Name as entered by the user. Do not use this value in queries if an organization_id has been attributed to this user.
17	province	varchar(100)	Nullable		Province name as entered by the user.
18	country	varchar(100)	Nullable		Country Name as entered by the user. Do not use this value in queries if an organization_id has been attributed to this user.
19	country_id	int(11)	Nullable		Id - updated when Country changes. Null if invalid country entered.
20	region	varchar(100)	Nullable		Region as per Matchi Region Model
21	telephone	varchar(100)	Nullable		Directo telephone to individual
22	email2	varchar(100)	Nullable		Alternative email address
23	linkedin	varchar(100)	Nullable		LinkedIn URL
24	twitter	varchar(100)	Nullable		
25	hdyhau_id	int(11)	Nullable		How did you hear about us
26	subscription_plan_id	int(11)	Nullable		Requested plan. NOT REQUIRED ANY MORE. REMOVE!
27	subscription_id	int(11)	Nullable	IX	FK to current mtchi_inno_login_subscriptions, subscription instance, if any
28	is_userraccepttermsandconditions	tinyint(1)			
29	userraccepttermsandconditionstime	datetime	Nullable		When user accepted the T&Cs
30	gravatar	varchar(100)	Nullable		NOT USED ANY MORE
31	ip	varchar(200)	Nullable		IP address from where registered
32	activation_key	varchar(100)	Nullable		Activation key emailed to user on registration
33	onetime_password	varchar(32)	Nullable		Temp One-Time password for first-use of ops-generated users
34	is_usermustresetpassword	tinyint(1)			User must reset password
35	is_useropscreated	tinyint(1)			User was created by Operations
36	useropscreatedby	int(11)	Nullable		Who created this user
37	is_useremailconfirmed	tinyint(1)			User has confirmed his email address
38	useremailconfirmedtime	datetime	Nullable		User has confirmed his email address
39	is_userapproved	tinyint(1)			User is approved
40	userapprovedtime	datetime	Nullable		Time that user got approved
41	userapprovedby	int(11)	Nullable		Ops User who approved User
42	is_userrejected	tinyint(1)			User is rejected
43	userrejectedtime	datetime	Nullable		Time that user got rejected
44	userrejectedby	int(11)	Nullable		Ops User who rejected User
45	is_usersuspended	tinyint(1)			User is rejected
46	usersuspendedtime	datetime	Nullable		Time that user got rejected
47	userunsuspendtime	datetime	Nullable		When the suspension should be lifted. If not known, then CANCEL the user instead.
48	usersuspendedby	int(11)	Nullable		Ops User who rejected User
49	is_usercancelled	tinyint(1)			
50	usercancelledtime	datetime	Nullable		
51	usercancelledby	int(11)	Nullable		
52	is_usertrashed	tinyint(1)			

53	usertrashedtime	datetime	Nullable		
54	usertrashedby	int(11)	Nullable		
55	is_usertestcase	tinyint(1)			If true, do not include in any reports or processes
56	is_userhidden	tinyint(1)			Hide from reports
57	profileprogress	varchar(50)			User profile completeness as per mtchi_inno_login_picklist_profile_progress
58	preferences_id	bigint(20)	Nullable		mtchi_inno_recommend_preferences
59	last_reason	varchar(255)	Nullable		LEGACY - do not use. Reason for last action
60	last_note_id	int(11)	Nullable		Last note made about this user
61	referrer_id	int(11)	Nullable		Ops Person who referred this user
62	accountmgr_id	int(11)	Nullable		Ops Person who looks after this user
63	contact_id	bigint(20)	Nullable		legacy. Not used. Use referrer_id or accountmgr_id
64	is_dontcontactviapm	tinyint(1)			Comms preferences
65	is_dontcontactviaemail	tinyint(1)			Comms preferences
66	is_dontcontactviatxt	tinyint(1)			Comms preferences

Private Messaging Table Schema

Purpose

Conceptual Model

Physical Model



Contacts Tables

mtchi_inno_contacts					
Every innovation contact is recorded here					
ID	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Contact id
2	date_id	int(11)	Nullable		Date Dimension to FK of mtchi_inno_lookup_date.date_id
3	contacttime	timestamp			Contacts recording time
4	contacttype	varchar(100)			Contact type - see mtchi_inno_picklist_contact_types. This determines the meaning of the entity_id
5	scheduledtime	timestamp	Nullable		When the contact was scheduled for
6	entity_id	bigint(20)	Nullable		Innovation Id, Challenge Id, Conversation Id, etc.. depending on the eventtype
7	inno_buyer_id	bigint(20)			User id who initiated contact
8	inno_user_id	bigint(20)			User id to whom contact was extended

mtchi_inno_contacts_picklist_contact_types					
Contact types between use cases					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	item_en_gb	varchar(100)			Text in indicated locale
7	short_en_gb	varchar(30)			Shortened name of the item
8	help_en_gb	text	Nullable		Help Text
9	display_class	text	Nullable		CSS class for displaying this item
10	contacttype	varchar(100)	Nullable		Alias name of contact type
11	entity_name	varchar(50)	Nullable		Entity that is relevant to this contact

Messaging Tables

mtchi_inno_msg					
Messages and dispatch queue					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	createtoken	varchar(50)	Nullable		Initial creation token
3	parent_id	bigint(10) unsigned	Nullable	IX	Hierarchical parent Id - if this is a reply or a forward, then previous message Id.
4	lft	bigint(11)		IX	Internal: Display order
5	rgt	bigint(11)			Internal: Display order
6	level	int(10) unsigned			Internal: Hierarchical level if this is a reply or a forward, then increment on the previous level
7	title	text			Message subject
8	alias	varchar(255)			Implementation: Parameter alias
9	access	tinyint(3) unsigned			Internal: Know Eye Dear
10	path	varchar(255)			Internal: Hierarchical helper field
11	modifytime	timestamp			Last time record was changed
12	createtime	timestamp	Nullable		When message was created
13	msg_type	varchar(10)			NEW for first-send, REPLY for reply, FORWARD for forward
14	msg	text	Nullable		Message content
15	inno_id	bigint(10)	Nullable		Innovation Id that pertains to this message
16	sender_id	bigint(11)	Nullable	IX	Message sender
17	dispatchtime	timestamp	Nullable		When message is dispatched to all the recipients - this is set once the sending daemon has processed this message dispatch
18	trashtime	timestamp	Nullable		When sender trashed sent message - does not display and is only purged when all reads are purged

mtchi_inno_msg_attachments					
Message attachments stored in ~/userdata/msg_attachments/a/ab/abcdef/					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	timestamp			Record creation time
3	msg_id	bigint(20)		IX	Innovation Id PK
4	tempname	text	Nullable		Temporary File name without without directory
5	filename	text	Nullable		File name without without directory
6	display_order	int(11)	Nullable		Display order
7	filesize	int(11)	Nullable		Size in KB

mtchi_inno_msg_blocks					
Blacklisted users					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	timestamp			Time when block was requested
3	blocker_id	bigint(20)	Nullable	IX	User who requested block
4	blocked_id	bigint(20)	Nullable	IX	User who is blocked from communicating with the requester

mtchi_inno_msg_jobs					
Queued message sending jobs. Message dispatches are cracked open here in separate jobs					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	msg_id	bigint(20)		IX	Message PK
3	recipient_id	int(11)			Message recipient
4	recipient_type	varchar(10)	Nullable		TO,CC
5	other_recipients_json	text	Nullable		List of other recipients
6	sendtime	timestamp	Nullable		Message sent job marker

mtchi_inno_msg_junk					
Spam Reports					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	timestamp			Time when block was requested
3	reporter_id	bigint(20)	Nullable	IX	User who reported junk message as junk
4	sender_id	bigint(20)	Nullable	IX	User who originated junk message
5	msg_id	bigint(20)	Nullable	IX	Offending Message Id
6	reason	text	Nullable		Reason for reporting this message as junk
7	confirmed_junk	tinyint(1)			Confirmed by external process to be junk
8	confirmed_not_junk	tinyint(1)			Confirmed by external process to NOT be junk

mtchi_inno_msg_recipients					
All recipients of a message					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	modifytime	timestamp			Last time record was changed
3	msg_id	bigint(11)		IX	Message Id
4	recipient_id	int(11)			Message recipient
5	recipient_type	varchar(10)	Nullable		TO,CC
6	display_order	int(11)	Nullable		Display order
7	readtime	timestamp	Nullable	IX	When recipient read message - only when read on site
8	trashtime	timestamp	Nullable		When recipient has trashed message - does not display and will eventually get purged
9	junktime	timestamp	Nullable		When recipient sets the message as junk - does not display and is only purged when JUNK messages message are purged

mtchi_inno_msg_userlists					
Custom-made user-lists that user can have					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	createtime	timestamp	Nullable		When userlist was created
3	modifytime	timestamp			Last time record was changed
4	user_id	bigint(11)		IX	Message Id
5	listname	varchar(200)	Nullable		List name
6	description	text	Nullable		List description
7	userlist_ids	text	Nullable		Comma-delimited list of user Id
8	userlist_long	text	Nullable		Comma-delimited list of user Names - updated by a trigger
9	userlist_json	text	Nullable		JSON list of users - updated by a trigger
10	display_order	int(11)	Nullable		Display order

Notification Message Dispatch Table Schema

Purpose

Conceptual Model

Physical Model

mtchi_inno_system_picklist_event_types

id: bigint(20)
 createtime: datetime(0)
 modifytime: timestamp(0)
 parent_id: bigint(20)
 item_en_gb: varchar(100)
 short_en_gb: varchar(100)
 help_en_gb: text
 display_class: text
 level: int(11)
 display_order_id: int(11)
 is_parent: tinyint(1)
 is_enabled: tinyint(1)
 is_tested: tinyint(1)
 is_notifyable: tinyint(1)
 is_copy_crm: tinyint(1)
 is_groups_only: tinyint(1)
 eventtype: varchar(100)
 tagdictionary_id: int(11)
 notification_medium_id: int(11)
 template_id: bigint(20)
 message_id: int(11)
 signoff_id: int(11)
 footnote_id: int(11)
 subject: text
 header: text
 subheader: text
 notificant_groups: varchar(100)

mtchi_inno_notify_log

id: bigint(20)
 eventtime: timestamp(0)
 date_id: int(11)
 event_id: bigint(20)
 eventtype: varchar(50)
 sender_id: bigint(20)
 notification_medium_id: int(11)
 notificant_id: bigint(20)
 is_sent: tinyint(1)
 retry_count: int(11)
 subject: text
 recipients: text
 cc: text
 bcc: text
 content: text

mtchi_inno_notify_picklist_mediums

id: bigint(20)
 createtime: datetime(0)
 modifytime: timestamp(0)
 enabled: tinyint(1)
 display_order_id: int(11)
 item_en_gb: varchar(100)
 short_en_gb: varchar(30)
 help_en_gb: text
 display_class: text

mtchi_inno_notify_picklist_tagdictionaries

id: bigint(20)
 createtime: datetime(0)
 modifytime: timestamp(0)
 is_enabled: tinyint(1)
 display_order_id: int(11)
 item_en_gb: varchar(100)
 short_en_gb: varchar(30)
 help_en_gb: text
 display_class: text
 db_view: varchar(50)
 entity: varchar(50)

mtchi_inno_notify_log

Every notification in emails/SMS/Social Media recorded here

Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Event id
2	eventtime	timestamp			Audit Time
3	date_id	int(11)	Nullable		Data Warehousing date
4	event_id	bigint(20)		IX	Event to which this notification relates to
5	eventtype	varchar(50)	Nullable		String alias for event type
6	sender_id	bigint(20)			User id who emailed - usually OPSDAEMON Id 895
7	notification_medium_id	int(11)	Nullable		Notification Transmission medium used: 1=EMAIL, 2=SMS, 3=LINKEDIN, etc... See mtchi_inno_picklist_notify_medium
8	notificant_id	bigint(20)	Nullable		Recipient User Id of the notification
9	is_sent	tinyint(1)	Nullable		Set to TRUE if there where no errors in sending the notification
10	retry_count	int(11)	Nullable		Number of retries to send
11	subject	text	Nullable		Notification subject - needs to be repeated here as it can be subtagged
12	recipients	text	Nullable		Message recipieints
13	cc	text	Nullable		To whom message is copied to
14	bcc	text	Nullable		To whom message is blind copied to
15	content	text	Nullable		HTML Message sent

mtchi_inno_notify_picklist_mediums					
Picklist of available Notification mediums					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	item_en_gb	varchar(100)			Text in indicated locale
7	short_en_gb	varchar(30)			Shortened name of the item
8	help_en_gb	text	Nullable		Help Text
9	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_notify_picklist_tagdictionaries					
Subtag dictionaries					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	is_enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	item_en_gb	varchar(100)			Text in indicated locale
7	short_en_gb	varchar(30)			Shortened name of the item
8	help_en_gb	text	Nullable		Help Text
9	display_class	text	Nullable		CSS class for displaying this item
10	db_view	varchar(50)	Nullable		DB View that implements this dictionary
11	entity	varchar(50)	Nullable		Entity that is relevant to this dictionary, e.g. Innovation, Thread, Post, Challenge, etc...

Organization Table Schema

Purpose

Conceptual Model

Physical Model

mtchi_inno_organizations

🔑 id: int(15)
 modifytime: timestamp(0)
 ◆ parent_id: int(11)
 level: int(11)
 type_id: int(11)
 ◆ name: varchar(250)
 legal_name: varchar(255)
 ◆ alias: varchar(250)
 about: text
 avatar: varchar(250)
 logo: varchar(250)
 url: varchar(250)
 url_checktime: timestamp(0)
 theme_colour_1: varchar(6)
 theme_colour_2: varchar(6)
 theme_colour_3: varchar(6)
 theme_colour_text: varchar(6)
 para_colour: varchar(6)
 para_colour_heading: varchar(6)
 para_colour_text: varchar(6)
 first_registerdate: datetime(0)
 member_count: bigint(20)
 inno_count: bigint(20)
 lock_count: bigint(20)
 view_count: bigint(20)
 engagement_count: bigint(20)
 contact_count: bigint(20)
 is_innovator: tinyint(1)
 is_buyer: tinyint(1)
 is_sponsor: tinyint(1)
 is_company: tinyint(1)
 is_hidden: tinyint(1)
 is_anonymous: tinyint(1)
 is_cancelled: tinyint(1)
 is_trashed: tinyint(1)
 trashtime: timestamp(0)
 region: varchar(100)
 country: varchar(100)
 country_id: int(11)
 province: varchar(100)
 city: varchar(100)
 street: varchar(100)
 postcode: varchar(100)
 lat_city: decimal(17, 14)
 long_city: decimal(17, 14)
 innovator_display_lat: decimal(17, 14)
 innovator_display_long: decimal(17, 14)
 innovator_display_order: int(11)
 buyer_display_lat: decimal(17, 14)
 buyer_display_long: decimal(17, 14)
 buyer_display_order: int(11)
 sponsor_display_lat: decimal(17, 14)
 sponsor_display_long: decimal(17, 14)
 sponsor_display_order: int(11)
 all_usecases_display_lat: decimal(17, 14)
 all_usecases_display_long: decimal(17, 14)
 all_usecases_display_order: int(11)
 company_year: int(11)
 number_employees: int(11)
 number_technical: int(11)
 capability: text
 track_record: text
 partner_suitability: text
 preferences_id: bigint(20)

mtchi_inno_organizations_picklist_types

🔑 id: bigint(20)
 createtime: datetime(0)
 modifytime: timestamp(0)
 enabled: tinyint(1)
 display_order_id: int(11)
 item_en_gb: varchar(100)
 short_en_gb: varchar(30)
 help_en_gb: text
 display_class: text

mtchi_inno_organizations					
Master list of all organizations					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	Primary key for organization
2	modifytime	timestamp			Last time record was changed
3	parent_id	int(11)	Nullable	IX	Pointer to Parent Organization
4	level	int(11)	Nullable		Hierarchy Level, starts at 1
5	type_id	int(11)	Nullable		Id from picklist
6	name	varchar(250)		IX	Full name e.g. Standard Bank
7	legal_name	varchar(255)	Nullable		Legal Corporate Name
8	alias	varchar(250)	Nullable	IX	Short Alias e.g. Standard Bank = SB. Aliases are manually assigned and must be unique
9	about	text	Nullable		Description about the company. This will appear in public reports.
10	avatar	varchar(250)			Held in /images/orglogos/60x60
11	logo	varchar(250)			Full logo of this organization. Resides in /images/orglogos/x60
12	url	varchar(250)	Nullable		Public Organization URL
13	url_checktime	timestamp	Nullable		The last time that this URL was checked for validity
14	theme_colour_1	varchar(6)	Nullable		Primary corporate theme colour in HEX, for use panels. This needs to be a dark colour so that white text can be written on it.
15	theme_colour_2	varchar(6)	Nullable		Secondary corporate theme colour in HEX, for use panels. This needs to be a light colour so that black text can be written on it.
16	theme_colour_3	varchar(6)	Nullable		Tertiary corporate theme colour in HEX, for use panels
17	theme_colour_text	varchar(6)	Nullable		Text colour in HEX on panels
18	para_colour	varchar(6)	Nullable		Paragraph panel colour in HEX
19	para_colour_heading	varchar(6)	Nullable		Heading text colour in HEX
20	para_colour_text	varchar(6)	Nullable		Paragraph text colour in HEX
21	first_registerdate	datetime	Nullable		Aggregate - first member of this org to register
22	member_count	bigint(20)			Count-Aggregate, updated by external processes: Number of members
23	inno_count	bigint(20)			Aggregate - updated by external processes: Number of published innovations
24	lock_count	bigint(20)			Aggregate - updated by external processes: Number of locked innovations
25	view_count	bigint(20)			Aggregate - updated by external processes: Number of times innovation is viewed
26	engagement_count	bigint(20)			Aggregate - updated by external processes: Number of engagements of innovation owned by this organization
27	contact_count	bigint(20)			Aggregate - updated by external processes: Number of contacts from other organizations
28	is_innovator	tinyint(1)	Nullable		This organization has one or more members who is an innovator
29	is_buyer	tinyint(1)	Nullable		This organization has one or more members who is a buyer
30	is_sponsor	tinyint(1)	Nullable		This organization has one or more members who is a sponsor
31	is_company	tinyint(1)			Set to 0 if this is an individual
32	is_hidden	tinyint(1)			Hide from the System and all reports. Used for demo data etc..
33	is_anonymous	tinyint(1)			When set, do not show the org name to general public
34	is_cancelled	tinyint(1)			Mark as TRUE if the organization has cancelled
35	is_trashed	tinyint(1)	Nullable		Marked for trashing - ignore in queries
36	trashtime	timestamp	Nullable		When marked for trashing for later clean-up
37	region	varchar(100)	Nullable		Core Geophraphic Region that this organization is based in
38	country	varchar(100)	Nullable		Core Country that this organization is based in
39	country_id	int(11)	Nullable		Id and also the UN Code of Country
40	province	varchar(100)	Nullable		Core Province / State / County / Kanton / Prefecture for this organization
41	city	varchar(100)	Nullable		Core city for this organization
42	street	varchar(100)	Nullable		Street address
43	postcode	varchar(100)	Nullable		Organization's postcode
44	lat_city	decimal(17,14)	Nullable		Centroid of city
45	long_city	decimal(17,14)	Nullable		Centroid of city
46	innovator_display_lat	decimal(17,14)	Nullable		
47	innovator_display_long	decimal(17,14)	Nullable		
48	innovator_display_order	int(11)	Nullable		Display on innovator map
49	buyer_display_lat	decimal(17,14)	Nullable		
50	buyer_display_long	decimal(17,14)	Nullable		
51	buyer_display_order	int(11)	Nullable		Display on buyer map
52	sponsor_display_lat	decimal(17,14)	Nullable		
53	sponsor_display_long	decimal(17,14)	Nullable		

54	sponsor_display_order	int(11)	Nullable		Display on sponsor map
55	all_usecases_display_lat	decimal(17,14)	Nullable		
56	all_usecases_display_long	decimal(17,14)	Nullable		
57	all_usecases_display_order	int(11)	Nullable		Display on usecases map
58	company_year	int(11)	Nullable		Year founded
59	number_employees	int(11)	Nullable		Current total number of employees
60	number_technical	int(11)	Nullable		Number of Developers and/or Technical Staff
61	capability	text	Nullable		Description of capability to deliver innovation
62	track_record	text	Nullable		List the organisations that your firm has done work for in the past
63	partner_suitability	text	Nullable		Describe why you think your firm would be a good partner to work with going forward
64	preferences_id	bigint(20)	Nullable		mtchi_inno_recommend_preferences

mtchi_inno_organizations_picklist_types

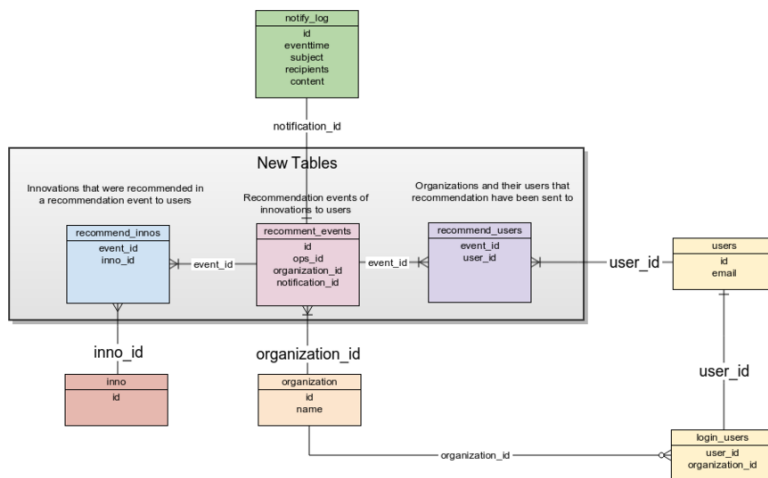
Types of Organizations

Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	item_en_gb	varchar(100)			Text in indicated locale
7	short_en_gb	varchar(30)			Shortened name of the item
8	help_en_gb	text	Nullable		Help Text
9	display_class	text	Nullable		CSS class for displaying this item

Recommendation Table Schema

Purpose

Conceptual Model



Physical Model

mtchi_inno_recommend_preferences	
id	bigint(20)
fintech_themes	text
business_segments	text
functional_areas	text
novelty	text
attribution	text
lifecycle	text
ownership	text
countries	text
regions	text

mtchi_inno_recommend_selection_contexts	
id	bigint(20)
create_time	datetime(0)
modify_time	timestamp(0)
enabled	tinyint(1)
display_order_id	int(11)
item_en_gb	varchar(100)
short_en_gb	varchar(30)
help_en_gb	text
display_class	text

mtchi_inno_recommend_conversiontypes	
id	bigint(20)
create_time	datetime(0)
modify_time	timestamp(0)
enabled	tinyint(1)
display_order_id	int(11)
item_en_gb	varchar(100)
short_en_gb	varchar(30)
help_en_gb	text
display_class	text

mtchi_inno_recommend_conversions	
id	int(11)
create_time	timestamp(0)
modify_time	timestamp(0)
seller_org_id	int(11)
buyer_org_id	int(11)
inno_id	int(11)
recommend_event_id	int(11)
type_id	int(255)

mtchi_inno_recommend_selections	
id	int(11)
user_id	int(11)
inno_id	int(11)
context_id	int(11)

mtchi_inno_recommend_events	
id	int(11)
event_time	timestamp(0)
ops_id	bigint(20)
organization_id	bigint(20)
notification_id	bigint(20)
confirm_send	datetime(0)
email_content	text

mtchi_inno_recommend_etl	
id	int(11)
ops_id	bigint(20)
event_time	timestamp(0)
org_id	bigint(20)
inno_id	bigint(20)

mtchi_inno_recommend_preferences_etl	
preferences_id	int(11)
user_id	int(11)
email	varchar(200)
fintech_themes	text

mtchi_inno_recommend_selections_sent	
id	int(11)
user_id	int(11)
inno_id	int(11)
sent_date	date

mtchi_inno_recommend_innovations	
id	int(11)
event_id	bigint(20)
inno_id	bigint(20)

mtchi_inno_recommend_users	
id	int(11)
event_id	bigint(20)
user_id	bigint(20)

mtchi_inno_recommend_conversions

Id	Column	Type	Nullable	Indexed	Desc
1	id	int(11)		PK	PK
2	create_time	timestamp	Nullable		
3	modify_time	timestamp	Nullable		
4	seller_org_id	int(11)	Nullable		
5	buyer_org_id	int(11)	Nullable		
6	inno_id	int(11)	Nullable		
7	recommend_event_id	int(11)	Nullable		
8	type_id	int(255)	Nullable		

mtchi_inno_recommend_conversiontypes

Types of Organizations

Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	create_time	datetime	Nullable		Record creation time
3	modify_time	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	item_en_gb	varchar(100)			Text in indicated locale
7	short_en_gb	varchar(30)			Shortened name of the item
8	help_en_gb	text	Nullable		Help Text
9	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_recommend_etl

Denormalized saging table or recommendation backloads

Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	PK of Recommendation
2	ops_id	bigint(20)	Nullable		Who made the recommendation
3	event_time	timestamp	Nullable		Time the recommendation was made
4	org_id	bigint(20)	Nullable		FK User Id of targeted recipient org
5	inno_id	bigint(20)	Nullable		FK Recommended Innovation

mtchi_inno_recommend_events

Recommendation events of innovations to users

Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	PK of Recommendation
2	eventtime	timestamp	Nullable	IX	Time the recommendation was made
3	ops_id	bigint(20)	Nullable		Who made the recommendation
4	organization_id	bigint(20)	Nullable	IX	Organization that recommendation was made to
5	notification_id	bigint(20)	Nullable		Id of Actual notification that was sent
6	confirm_send	datetime	Nullable		Confirmation that email was successfully sent
7	email_content	text	Nullable		Content of the email that was sent

mtchi_inno_recommend_innovations

Innovations that were recommended in a recommendation event to users

Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	event_id	bigint(20)			FK to recommendation event
3	inno_id	bigint(20)	Nullable	IX	Recommended Innovation

mtchi_inno_recommend_preferences

User or Organization Preferences

Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	FK to either user or organization
2	fintech_themes	text	Nullable	IX	Comma-delimited list of Fintech Preferences IDs - mtchi_inno_picklist_fintech_themes
3	business_segments	text	Nullable	IX	Comma-delimited list of IDs: mtchi_inno_picklist_business_segments
4	functional_areas	text	Nullable	IX	Comma-delimited list of IDs: mtchi_inno_picklist_functional_areas
5	novelty	text	Nullable		Comma-delimited list of IDs: mtchi_inno_picklist_novelty
6	attribution	text	Nullable		Comma-delimited list of IDs: mtchi_inno_picklist_attribution
7	lifecycle	text	Nullable		Comma-delimited list of IDs: mtchi_inno_picklist_lifecycles
8	ownership	text	Nullable		Comma-delimited list of IDs: mtchi_inno_picklist_ownership
9	countries	text	Nullable		Comma-delimited list of IDs: mtchi_inno_geo_countries
10	regions	text	Nullable		Comma-delimited list of IDs: mtchi_inno_geo_regions

mtchi_inno_recommend_preferences_etl

Id	Column	Type	Nullable	Indexed	Description
1	preferences_id	int(11)	Nullable		
2	user_id	int(11)	Nullable		
3	email	varchar(200)	Nullable		
4	fintech_themes	text	Nullable		Comma-delimited list of Fintech Preferences IDs - mtchi_inno_picklist_fintech_themes

mtchi_inno_recommend_selections

This table holds user innovation selections eg. when a user requests more info for a selection of innovations or when a user

wants to generate trend briefings

Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	Surrogate key
2	selection_timestamp	timestamp	Nullable		
3	user_id	int(11)	Nullable		ID of the user #FK to #_users
4	inno_id	int(11)	Nullable		ID of the innovation #FK to #_inno
5	context_id	int(11)	Nullable		Context for which this selection is made

mtchi_inno_recommend_selections_sent

Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	Surrogate key
2	user_id	int(11)	Nullable		
3	inno_id	int(11)	Nullable		
4	sent_date	date	Nullable		

mtchi_inno_recommend_selection_contexts

Picklist of available Notification mediums

Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	item_en_gb	varchar(100)			Text in indicated locale
7	short_en_gb	varchar(30)			Shortened name of the item
8	help_en_gb	text	Nullable		Help Text
9	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_recommend_users

Organizations and their users that recommendation have been sent to

Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	event_id	bigint(20)			FK to recommendation event
3	user_id	bigint(20)	Nullable	IX	User Id of targeted recipient

Security Table Schema

Purpose

Conceptual Model

Physical Model

mtchi_inno_security_user_bans

🔑 id: bigint(20)
 registertime: timestamp(0)
 confirmedtime: timestamp(0)
 deletetime: timestamp(0)
 user_id: bigint(20)
 firstname: varchar(100)
 middlename: varchar(100)
 lastname: varchar(100)
 email: varchar(100)
 ♦ ipaddress: varchar(200)
 organization: varchar(255)
 url: varchar(255)
 telephone: varchar(255)
 jobtitle: varchar(255)
 country: varchar(255)
 city: varchar(255)

mtchi_inno_security_ip_bans

🔑 id: bigint(20)
 lastbantime: timestamp(0)
 litany: text
 infractioncount: int(11)
 ♦ ip: varchar(200)
 country: varchar(255)
 city: varchar(255)
 lat_ip: decimal(17, 14)
 long_ip: decimal(17, 14)
 is_nothreat: tinyint(1)

mtchi_inno_security_ip_bans

Banned IP addresses

Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Banned IP Event Id
2	lastbantime	timestamp			Last Time when IP was banned
3	litany	text	Nullable		Accumulated list of infractions
4	infractioncount	int(11)			Total number of infractions from this IP address
5	ip	varchar(200)	Nullable	IX	IP address IPV4 IPV6
6	country	varchar(255)	Nullable		GEO IP Country
7	city	varchar(255)	Nullable		Nearest GEO IP City
8	lat_ip	decimal(17,14)	Nullable		Latitude
9	long_ip	decimal(17,14)	Nullable		Longitude
10	is_nothreat	tinyint(1)			Set if this IP is known to not be a treat, e.g. that of a tester


mtchi_inno_security_user_bans					
User banning events					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Banned User Event Id
2	registertime	timestamp	Nullable		Time when user registered
3	confirmedtime	timestamp	Nullable		Time when user confirmed registration
4	deletetime	timestamp	Nullable		Time when user was removed
5	user_id	bigint(20)	Nullable		Original user Id
6	firstname	varchar(100)	Nullable		Registered first name
7	middlename	varchar(100)	Nullable		Registered middle name
8	lastname	varchar(100)	Nullable		Registered last name
9	email	varchar(100)	Nullable		Registered email address
10	ipaddress	varchar(200)	Nullable	IX	Main IP addresses registered from
11	organization	varchar(255)	Nullable		Organization name
12	url	varchar(255)	Nullable		Supposed URL
13	telephone	varchar(255)	Nullable		Supposed telephone
14	jobtitle	varchar(255)	Nullable		Supposed job title
15	country	varchar(255)	Nullable		Supposed country
16	city	varchar(255)	Nullable		Supposed city


System Table Schema


Purpose


Conceptual Model

Physical Model


mtchi_inno_system_picklist_event_types	
	id: bigint(20)
	createtime: datetime(0)
	modifytime: timestamp(0)
	parent_id: bigint(20)
	item_en_gb: varchar(100)
	short_en_gb: varchar(100)
	help_en_gb: text
	display_class: text
	level: int(11)
	display_order_id: int(11)
	is_parent: tinyint(1)
	is_enabled: tinyint(1)
	is_tested: tinyint(1)
	is_notifiable: tinyint(1)
	is_copy_cm: tinyint(1)
	is_groups_only: tinyint(1)
	eventtype: varchar(100)
	tagdictionary_id: int(11)
	notification_medium_id: int(11)
	template_id: bigint(20)
	message_id: int(11)
	signoff_id: int(11)
	footnote_id: int(11)
	subject: text
	header: text
	subheader: text
	notificant_groups: varchar(100)


mtchi_inno_config_actions	
	id: int(11)
	parent_id: int UNSIGNED
	lft: int(11)
	rgt: int(11)
	level: int UNSIGNED
	title: varchar(255)
	alias: varchar(255)
	access: tinyint UNSIGNED
	path: varchar(255)
	modifytime: timestamp(0)
	view_alias: varchar(40)
	group_id: int(11)
	action_state: varchar(20)
	action_alias: varchar(20)
	action_button: varchar(40)
	action_tooltip: varchar(40)
	action_sql: text
	action_php: text
	action_comment: text
	enabled: tinyint(1)
	display_order_id: int(11)


mtchi_inno_config	
	id: int(11)
	parent_id: int UNSIGNED
	lft: int(11)
	rgt: int(11)
	level: int UNSIGNED
	title: varchar(255)
	alias: varchar(255)
	access: tinyint UNSIGNED
	path: varchar(255)
	modifytime: timestamp(0)
	readonly: tinyint(1)
	header: tinyint(1)
	is_hidden: tinyint(1)
	param: varchar(200)
	value: text
	description: text


mtchi_inno_audit	
	id: int(11)
	eventtime: timestamp(0)
	entity: varchar(100)
	entity_id: bigint(11)
	user_id: bigint(11)
	action: varchar(100)
	description: text
	value_old: text
	value_new: text


mtchi_inno_system_usergroup_descriptions	
	sk: bigint(20)
	modifytime: timestamp(0)
	group_id: bigint(20)
	description: text
	display_class: text


mtchi_inno_event_views	
	id: bigint(20)
	eventtime: timestamp(0)
	date_id: int(11)
	inno_id: bigint(20)
	user_id: bigint(20)
	referrer: text
	session_ip: varchar(20)


mtchi_inno_config_constants	
	id: int(11)
	parent_id: int UNSIGNED
	lft: int(11)
	rgt: int(11)
	level: int UNSIGNED
	title: varchar(255)
	alias: varchar(255)
	access: tinyint UNSIGNED
	path: varchar(255)
	modifytime: timestamp(0)
	header: tinyint(1)
	constant: text
	value: text
	mapping: text
	name_en_gb: text
	desc_en_gb: text


mtchi_inno_event_email	
	id: bigint(20)
	eventtime: timestamp(0)
	date_id: int(11)
	inno_id: bigint(20)
	inno_state: varchar(20)
	sender_id: bigint(20)
	recipient_ids: text
	recipient_names: text
	recipient_emails: text
	subject: text
	message: text
	use_case: varchar(80)
	referrer: text
	session_ip: varchar(20)


mtchi_inno_config_subsystems	
	id: int(11)
	parent_id: int UNSIGNED
	lft: int(11)
	rgt: int(11)
	level: int UNSIGNED
	title: varchar(255)
	alias: varchar(255)
	access: tinyint UNSIGNED
	path: varchar(255)
	modifytime: timestamp(0)
	tagview: varchar(100)
	desc_en_gb: text

mtchi_inno_system_picklist_error_codes	
	id: bigint(20)
	createtime: datetime(0)
	modifytime: timestamp(0)
	enabled: tinyint(1)
	alias: varchar(50)
	severity: varchar(50)
	display_order_id: int(11)
	item_en_gb: varchar(100)
	short_en_gb: varchar(30)
	help_en_gb: text
	display_class: varchar(200)
	subsystem: varchar(50)

mtchi_inno_events	
	id: bigint(20)
	date_id: bigint(11)
	eventtime: timestamp(0)
	eventtype: varchar(100)
	entity_id: bigint(20)
	user_id: bigint(20)
	referrer: text
	referrer_host: varchar(200)
	notification_id: bigint(20)

mtchi_inno_event_tag_hits	
	id: bigint(20)
	eventtime: timestamp(0)
	date_id: int(11)
	inno_id: bigint(20)
	user_id: bigint(20)
	tag_id: bigint(20)
	referrer: text
	session_ip: varchar(20)

mtchi_inno_event_contacts	
	id: bigint(20)
	eventtime: timestamp(0)
	date_id: int(11)
	inno_id: bigint(20)
	user_id: bigint(20)
	referrer: text
	session_ip: varchar(20)

mtchi_inno_event_engagements	
	id: bigint(20)
	eventtime: timestamp(0)
	date_id: int(11)
	inno_id: bigint(20)
	user_id: bigint(20)
	referrer: text
	session_ip: varchar(20)

Event Tables

mtchi_inno_events					
All events					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Event id
2	date_id	bigint(11)	Nullable		Date Dimension to FK of mtchi_inno_lookup_date.date_id. Populate it with date_format(eventtime,'%Y%m%d')
3	eventtime	timestamp			Event recording time
4	eventtype	varchar(100)		IX	Event type - see _picklist_event_type. This determines the meaning of the subject_id
5	entity_id	bigint(20)	Nullable	IX	Innovation UID, Challenge Id, Conversation Id, etc.. depending on the eventtype
6	user_id	bigint(20)			User id who percipitated event
7	referrer	text	Nullable		Event-originator name or description
8	referrer_host	varchar(200)	Nullable		Referrer Hostname or IP address
9	notification_id	bigint(20)	Nullable	IX	Details of notification that was sent. 0 if not notification was required, NULL if not processes yet

mtchi_inno_event_contacts					
Every contact with respect to an innovations					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Event id
2	eventtime	timestamp			Event recording time
3	date_id	int(11)	Nullable		Date Dimension to FK of mtchi_inno_lookup_date.date_id
4	inno_id	bigint(20)	Nullable		Innovation viewed
5	user_id	bigint(20)			User id who contacted as a result of the innovation
6	referrer	text	Nullable		From where the user came from
7	session_ip	varchar(20)			User IP address at the time of viewing

mtchi_inno_event_email					
Every innovation-related email sent is recorded here					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Event id
2	eventtime	timestamp			Event recording time
3	date_id	int(11)	Nullable		Date Dimension to FK of mtchi_inno_lookup_date.date_id
4	inno_id	bigint(20)	Nullable		Innovation emailed about
5	inno_state	varchar(20)	Nullable		Current state of the innovation
6	sender_id	bigint(20)			User id who emailed
7	recipient_ids	text	Nullable		Comma-delimited list of recipient user Id
8	recipient_names	text	Nullable		Comma-delimited list of recipient names
9	recipient_emails	text	Nullable		Comma-delimited list of recipient email addresses
10	subject	text	Nullable		Email subject
11	message	text	Nullable		Email message
12	use_case	varchar(80)	Nullable		See Email Innovation Use-cases in com_innovation/helpers/defines.php
13	referrer	text	Nullable		From where the user came from
14	session_ip	varchar(20)	Nullable		User IP address at the time of sending. Use \$_SERVER["HTTP_CF_CONNECTING_IP"]

mtchi_inno_event_engagements					
Every innovation engagement is recorded here					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Event id
2	eventtime	timestamp			Event recording time
3	date_id	int(11)	Nullable		Date Dimension to FK of mtchi_inno_lookup_date.date_id
4	inno_id	bigint(20)	Nullable		Innovation viewed
5	user_id	bigint(20)			User id who engaged
6	referrer	text	Nullable		From where the user came from
7	session_ip	varchar(20)			User IP address at the time of viewing

mtchi_inno_event_tag_hits					
Every click on a tag is recorded here					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Event id
2	eventtime	timestamp			Event recording time
3	date_id	int(11)	Nullable		Date Dimension to FK of mtchi_inno_lookup_date.date_id
4	inno_id	bigint(20)	Nullable		Innovation viewed
5	user_id	bigint(20)			User id who viewed innovation
6	tag_id	bigint(20)			Tag Id that was hit
7	referrer	text	Nullable		From where the user came from
8	session_ip	varchar(20)			User IP address at the time of viewing

mtchi_inno_event_views					
Every view of an innovations is recorded here					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Event id
2	eventtime	timestamp			Event recording time
3	date_id	int(11)	Nullable		Date Dimension to FK of mtchi_inno_lookup_date.date_id
4	inno_id	bigint(20)	Nullable		Innovation viewed
5	user_id	bigint(20)			User id who viewed innovation
6	referrer	text	Nullable		From where the user came from
7	session_ip	varchar(20)			User IP address at the time of viewing

Configuration Tables

mtchi_inno_config					
Matchi Innovation Platform Configuration values					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	parent_id	int(10) unsigned	Nullable		Internal: Hierarchical parent Id
3	lft	int(11)		IX	Internal: Display order
4	rgt	int(11)			Internal: Display order
5	level	int(10) unsigned			Internal: Hierarchical level
6	title	varchar(255)			Implementation: Parameter Display Title
7	alias	varchar(255)			Implementation: Parameter alias
8	access	tinyint(3) unsigned			Internal: Know Eye Dear
9	path	varchar(255)			Internal: Hierarchical helper field
10	modifytime	timestamp			Last time record was changed
11	readonly	tinyint(1)			Marker if enabled. Value is not user-editable.
12	header	tinyint(1)			Section header for following paramters if enabled. Value is not user-editable.
13	is_hidden	tinyint(1)			Set to true to not display value in configuration tool
14	param	varchar(200)	Nullable		Parameter system name
15	value	text	Nullable		Value in text form regardless of data type, although some conventions are followed
16	description	text	Nullable		Parameter description

mtchi_inno_config_actions					
Actions configurations for each state					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	parent_id	int(10) unsigned	Nullable		Internal: Hierarchical parent Id
3	lft	int(11)		IX	Internal: Display order
4	rgt	int(11)			Internal: Display order
5	level	int(10) unsigned			Internal: Hierarchical level
6	title	varchar(255)			Implementation: Parameter Display Title
7	alias	varchar(255)			Implementation: Parameter alias
8	access	tinyint(3) unsigned			Internal: Know Eye Dear
9	path	varchar(255)			Internal: Hierarchical helper field
10	modifytime	timestamp			Last time record was changed
11	view_alias	varchar(40)			Internal name of display view
12	group_id	int(11)			Group Id of the current user - see constants in defines.php
13	action_state	varchar(20)			State for which this action relates to
14	action_alias	varchar(20)			Action alias
15	action_button	varchar(40)			Language Id for text on button
16	action_tooltip	varchar(40)			Language Id for button tooltip
17	action_sql	text	Nullable		Optional SQL code to execute on action. %l=Innovation Id
18	action_php	text	Nullable		Optional PHP code to execute on action. %l=Innovation Id
19	action_comment	text	Nullable		Optional comment about this action
20	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
21	display_order_id	int(11)	Nullable		Display order

mtchi_inno_config_constants					
Description of all system constants and states					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	parent_id	int(10) unsigned	Nullable		Internal: Hierarchical parent Id
3	lft	int(11)			Internal: Display order
4	rgt	int(11)			Internal: Display order
5	level	int(10) unsigned			Internal: Hierarchical level
6	title	varchar(255)			Implementation: Parameter Display Title
7	alias	varchar(255)			Implementation: Parameter alias
8	access	tinyint(3) unsigned			Internal: Know Eye Dear
9	path	varchar(255)			Internal: Hierarchical helper field
10	modifytime	timestamp			Last time record was changed
11	header	tinyint(1)	Nullable		Section header for following paramters if enabled. Value is not user-editable.
12	constant	text	Nullable		Constant name
13	value	text	Nullable		Constant value
14	mapping	text	Nullable		Optional, real-world, mapped-to value
15	name_en_gb	text	Nullable		Optional display name
16	desc_en_gb	text	Nullable		Constant description en-GB. Add a new column for a new spoken language.

mtchi_inno_config_subsystems					
Description of all Subsystems					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	parent_id	int(10) unsigned	Nullable		Internal: Hierarchical parent Id
3	lft	int(11)			Internal: Display order
4	rgt	int(11)			Internal: Display order
5	level	int(10) unsigned			Internal: Hierarchical level
6	title	varchar(255)			Subsystem name
7	alias	varchar(255)	Nullable		Subsystem alias INNO_STATE, CHALLENGE_STATE, CHALLENGE_ENTRY. This is
8	access	tinyint(3) unsigned			Internal: Know Eye, Dear
9	path	varchar(255)			Internal: Hierarchical helper field
10	modifytime	timestamp			Last time record was changed
11	tagview	varchar(100)	Nullable		View that holds substitution tags for use in dynamic media generation
12	desc_en_gb	text	Nullable		Subsystem description en-GB. Add a new column for a new spoken language.

System Tables

mtchi_inno_system_picklist_error_codes					
Error Codes					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	This record Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	alias	varchar(50)	Nullable		Alias of Lifecycle
6	severity	varchar(50)			FATAL,ERROR,WARN.INFO,DEBUG,TRACE,null
7	display_order_id	int(11)	Nullable		Display order
8	item_en_gb	varchar(100)			Text in indicated locale
9	short_en_gb	varchar(30)			Shortened name of the item
10	help_en_gb	text	Nullable		Help Text
11	display_class	varchar(200)			CSS class for displaying this item. Usually a FontAwesome Icon. Do not include alert CSS, as the client will do this depending on the value of the severity fields.
12	subsystem	varchar(50)	Nullable		Subsystem relevant to this picklist item, e.g. Innovation, Thread, Post, Challenge, etc...

mtchi_inno_system_picklist_event_types					
Picklist of Event Types to determine the who-gets-what logic					
Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	Event Type Id
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	parent_id	bigint(20)	Nullable		Parent Id for grouping Event types
5	item_en_gb	varchar(100)	Nullable		Name of the Event Type
6	short_en_gb	varchar(100)	Nullable		Shortened Name of the Event Type
7	help_en_gb	text	Nullable		Help Text
8	display_class	text	Nullable		CSS class for displaying this item
9	level	int(11)	Nullable		Hierarchy level
10	display_order_id	int(11)	Nullable		Display order when listing this list
11	is_parent	tinyint(1)	Nullable		TRUE if it has children items
12	is_enabled	tinyint(1)	Nullable		End gate post control. Useful for testing
13	is_tested	tinyint(1)			Mark as tested if fully verified
14	is_notifyable	tinyint(1)	Nullable		If set, send notification Id on this event
15	is_copy_crm	tinyint(1)	Nullable		If set, send blind copy of the email to the list email users specified for parameter BlindCopyCRM
16	is_groups_only	tinyint(1)	Nullable		If set, then then ignore primary notificant and only send to all members in groups
17	eventtype	varchar(100)	Nullable		Alias name of event type, used for looking up this type of event
18	tagdictionary_id	int(11)	Nullable		View that holds the relevant data and all the tags in the columns that need to be substituted
19	notification_medium_id	int(11)	Nullable		Notification Transmission medium used: 1=EMAIL, 2=SMS, 3=LINKEDIN, etc... See mtchi_inno_picklist_notify_medium
20	template_id	bigint(20)	Nullable		Article Id that contains the Notication template
21	message_id	int(11)	Nullable		Article Id that contains the Notication message for this event type, if any, in {subtag:message}
22	signoff_id	int(11)	Nullable		Article Id that contains the Notication Signoff - usually contact details, in {subtag:signoff}
23	footnote_id	int(11)	Nullable		Article Id that contains the Notication Footnote - usually a nice PS in {subtag:footnote}
24	subject	text	Nullable		Notification email subject
25	header	text	Nullable		Header text in template, in {subtag:header}
26	subheader	text	Nullable		Optional subheader text in template, in {subtag:subheader}
27	notificant_groups	varchar(100)	Nullable		If null, send to notificant only. Else send notification to all in comma-delimited list of user groups and to ignore primary notificant unless is_groups_only is set

mtchi_inno_system_subsystems					
Id	Column	Type	Nullable	Indexed	Description
1	name	varchar(255)	Nullable		Subsystem name
2	description	text	Nullable		Subsystem Description
3	namespace	varchar(255)	Nullable		Table names begin with this namespace
4	color	varchar(6)	Nullable		RGB code to identify the subsystem
5	inclusions	text	Nullable		Comman-delimited list of table that belong to this subsystem but don't match this namespace

mtchi_inno_system_usergroup_descriptions					
User Groups descriptions for groups in mtchi_usergroups					
Id	Column	Type	Nullable	Indexed	Description
1	sk	bigint(20)		PK	Internal surrogate key record Id
2	modifytime	timestamp			Last time record was changed
3	group_id	bigint(20)			Group Id from table mtchi_usergroups
4	description	text			Group Description text
5	display_class	text	Nullable		CSS class for displaying this item using fontawesome

mtchi_inno_audit					
Audit of all significant data table changes					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	eventtime	timestamp	Nullable	IX	Time of event
3	entity	varchar(100)			Name of entity that was modified, e.g. table name
4	entity_id	bigint(11)	Nullable		PK of relevant entity
5	user_id	bigint(11)	Nullable		PK of user that effected change
6	action	varchar(100)			Action Type: INSERT, UPDATE, DELETE, SELECT
7	description	text	Nullable		Description of what was changed. This text appears in some reports
8	value_old	text	Nullable		Relevant previous data
9	value_new	text	Nullable		Relevant new data

Tag / Keyword Table Schema

Purpose

Management of keywords for innovations that are supplied by innovators. These keywords are optionally used in searches.

Conceptual Model

Physical Model



mtchi_inno_tags					
Canonical collection of all innvation Tags in all spoken lan					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	Primary key for Tag
2	modifytime	timestamp			Last time record was changed
3	tag_alias	varchar(250)			
4	tag_en_gb	varchar(250)	Nullable	IX	Tag term, English. Add a new column for each new language
5	uses	bigint(20)		IX	Number of times that this tag is associated with an innovation. Updated by a background process and incremented for the occurrence in each spoken language.
6	hits	bigint(20)			Number of times that this tag is clicked through. Incremented on click-through of this tag.

mtchi_inno_tag_inno_map					
Many-to-Many resolver for Innovation to Tags					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	This record Id
2	modifytime	timestamp			Last time record was changed
3	tag_id	bigint(15)		IX	FK: Links to mtchi_inno_tags.id
4	inno_id	int(15)			FK: Links to mtchi_inno.innot_id
5	user_id	int(11)	Nullable		Added by user Id

mtchi_inno_tag_tag_map					
Mapping of tag synonyms					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(15)		PK	This record Id
2	modifytime	timestamp			Last time record was changed
3	parent_tag_id	int(11)		IX	FK: Links to mtchi_inno_tags.id
4	child_tag_id	int(11)			FK: Links to mtchi_inno_tags.id
5	weight	int(11)	Nullable	IX	Semantic similarity, see http://en.wikipedia.org/wiki/Semantic_similarity
6	distance	int(11)	Nullable	IX	Levenshtein distance between parent and child strings, 0=closest

Joomla Content Management Tables

Purpose

This is a small selection of the tables that support the Content Management function of Joomla CMS, which is the framework that this solution has been built on.

Physical Models

mtchi_categories					
Categories of Content items and any other data entities					
Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	Primary key - Auto incremented
2	asset_id	int(10) unsigned			FK to the #__assets table.
3	parent_id	int(10) unsigned			Nested set parent.
4	lft	int(11)		IX	Nested set lft.
5	rgt	int(11)			Nested set rgt
6	level	int(10) unsigned			The cached level in the nested tree.
7	path	varchar(255)		IX	System path
8	extension	varchar(50)		IX	Joomla component
9	title	varchar(255)			Descriptive title of the category
10	alias	varchar(255)		IX	Item alias
11	note	varchar(255)			Additional notes
12	description	mediumtext			HTML content
13	published	tinyint(1)			If the category has been published (1 - Yes, 0 - No, -2 Disabled)
14	checked_out	int(11) unsigned		IX	Category locked by user
15	checked_out_time	datetime			Time of lock
16	access	int(10) unsigned		IX	Which groups can access this category
17	params	text			JSON with parameters
18	metadesc	varchar(1024)			The meta description for the page.
19	metakey	varchar(1024)			The meta keywords for the page.
20	metadata	varchar(2048)			JSON encoded metadata properties.
21	created_user_id	int(10) unsigned			User ID of the creator
22	created_time	datetime			Time of creation
23	modified_user_id	int(10) unsigned			User ID of the modifier
24	modified_time	datetime			Time of modification
25	hits	int(10) unsigned			
26	language	char(7)		IX	
27	version	int(10) unsigned			

mtchi_content

CMS Content Items

Id	Column	Type	Nullable	Indexed	Description
1	id	int(10) unsigned		PK	Primary Key - Joomla generated
2	asset_id	int(10) unsigned			FK to the #__assets table.
3	title	varchar(255)			Article Title
4	alias	varchar(255)			Article Alias - URL
5	introtext	mediumtext			All text before the readmore button
6	fulltext	mediumtext			Full article content
7	state	tinyint(3)		IX	Whether it's been published
8	catid	int(10) unsigned		IX	The article category ID (FK to #categories)
9	created	datetime			Date of creation
10	created_by	int(10) unsigned		IX	User ID of the creator
11	created_by_alias	varchar(255)			Joomla column - not used
12	modified	datetime			When the article was last edited
13	modified_by	int(10) unsigned			User that last edited the article
14	checked_out	int(10) unsigned		IX	User that locked the article for editing
15	checked_out_time	datetime			When the article was locked for editing
16	publish_up	datetime			Date of publishing
17	publish_down	datetime			Date when unpublished
18	images	text			JSON encoded list of images
19	urls	text			JSON encoded list of URLs
20	attribs	varchar(5120)			JSON encoded list of attributes
21	version	int(10) unsigned			The amount of times an article was edited
22	ordering	int(11)			
23	metakey	text			Meta Keywords for SEO
24	metadesc	text			Meta desc for SEO
25	access	int(10) unsigned		IX	Group that can access the content
26	hits	int(10) unsigned			
27	metadata	text			
28	featured	tinyint(3) unsigned		IX	Set if article is featured.
29	language	char(7)		IX	The language code for the article.
30	xreference	varchar(50)		IX	A reference to enable linkages to external data sets.

mtchi_usergroups

User Groups in a hierarchical tree

Id	Column	Type	Nullable	Indexed	Description
1	id	int(10) unsigned		PK	Primary Key
2	parent_id	int(10) unsigned		IX	Adjacency List Reference Id
3	lft	int(11)		IX	Nested set lft.
4	rgt	int(11)			Nested set rgt.
5	title	varchar(100)		IX	Name of the user group

mtchi_users

Primary Joomla user management

Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	Auto Incremented User ID
2	name	varchar(255)		IX	The user's first name
3	username	varchar(150)		IX	Username used to log in
4	email	varchar(100)		IX	Email address where all notifications are sent
5	password	varchar(100)			Encrypted password
6	block	tinyint(4)		IX	Whether the user has access to the system (0 - No, 1 - Yes)
7	sendEmail	tinyint(4)	Nullable		Legacy field - no longer used
8	registerDate	datetime			Date of registration
9	lastvisitDate	datetime			Last time the user logged in
10	activation	varchar(100)			
11	params	text			JSON encoded parameter list
12	lastResetTime	datetime			Date of last password reset
13	resetCount	int(11)			Count of password resets since lastResetTime
14	otpKey	varchar(1000)			Two factor authentication encrypted keys
15	otep	varchar(1000)			One time emergency passwords
16	requireReset	tinyint(4)			Require user to reset password on next login

mtchi_user_usergroup_map

Many-to-many relationship resolver between users and user-groups

Id	Column	Type	Nullable	Indexed	Description
1	user_id	int(10) unsigned		PK	Foreign Key to #__users.id
2	group_id	int(10) unsigned		PK	Foreign Key to #__usergroups.id

Reporting Tables

Purpose

These tables are designed in a dimensional model and consist of summations ('fact' tables) and details ('dimension' tables). The dimensional design is still in an early design stage and therefore not complete.

Physical Models

mtchi_inno_fact_users

Fact table of user-based statuses

Id	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	
2	updatetime	timestamp	Nullable	IX	Update Time
3	user_id	bigint(11)			User Id
4	messages_pending	bigint(11)			Number of unread / pending messages
5	innos_recommended	bigint(11)			Number of inno recommendations made to this user
6	innos_published	bigint(11)			Number of new general innovations published
7	innos_viewed	bigint(11)			Number of users innovations that were viewed by others
8	innos_locked	bigint(11)			Number of users innovations that were locked by sponsors
9	forum_posts_pending	bigint(20)			Number of unread replies to forum threads that this user has been involved in

mtchi_inno_history_inno

Inno History events

Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	
2	eventtime	timestamp	Nullable		Event Time
3	inno_id	bigint(20)	Nullable	IX	Innovation Id - Primary Key
4	inno_state	varchar(200)	Nullable		State that the innovation was progressed to
5	action_desc	text	Nullable		Description of action performed
6	action_code	varchar(20)	Nullable		Code for the action performed
7	action_user_id	bigint(20)	Nullable		Relevant user id who performed action

mtchi_inno_history_system

System History events

Id	Column	Type	Nullable	Indexed	Description
1	id	bigint(20)		PK	
2	eventtime	timestamp	Nullable		Event Time
3	action_desc	text	Nullable		Description of action performed
4	action_code	varchar(20)	Nullable		Code for the action performed
5	action_user_id	bigint(20)	Nullable		Relevant user id who performed action
6	entity_table_name	varchar(50)	Nullable		Name of table that has undergone an insert or an update
7	entity_pk_value	bigint(20)	Nullable		Primary key value of item that was inserted or updated

mtchi_inno_jext_viewlevels

Access Viewlevel Descriptions

Id	Column	Type	Nullable	Indexed	Description
1	viewlevel_id	bigint(20)		PK	Foreign Key to parent table
2	createtime	datetime	Nullable		Record creation time
3	modifytime	timestamp			Last time record was changed
4	enabled	tinyint(1)	Nullable		If enabled, allow it to be a selectable option
5	display_order_id	int(11)	Nullable		Display order
6	item_en_gb	varchar(100)			Text in indicated locale
7	short_en_gb	varchar(30)			Shortened name of the item
8	help_en_gb	text	Nullable		Help Text
9	display_class	text	Nullable		CSS class for displaying this item

mtchi_inno_lookup_date					
Date Dimension					
ID	Column	Type	Nullable	Indexed	Description
1	epoch_day	bigint(20)		PK	Meaningless surrogate key, and PK. Epoch starts on 1 January 2013
2	date_id	bigint(20)		IX	Meaningfull Date Key, and FK
3	technical_date	datetime	Nullable		Technical date value
4	datetime_eu	varchar(10)	Nullable		Date in EU format
5	datetime_us	varchar(10)	Nullable		Date in US format
6	datetime_jp	varchar(10)	Nullable		Date in Japanese format
7	datetime_iso	varchar(10)	Nullable		Date in ISO format
8	datetime_yyyymm	varchar(10)	Nullable		Date in YYYYMM format
9	day_in_month	int(11)	Nullable		Day in calendar Month
10	week_in_year	int(11)	Nullable		Week in calendarYear
11	month_in_year	int(11)	Nullable		Month in calendar Year
12	year_in_year	int(11)	Nullable		Year in calendar year
13	day_of_week_name	varchar(10)	Nullable		DayOfWeekName
14	day_in_week	int(11)	Nullable		DayInWeek
15	day_in_year	int(11)	Nullable		DayInYear
16	month_name	varchar(10)	Nullable		MonthName
17	last_day_in_month	int(10)	Nullable		Number las days in this month
18	quarter	int(11)	Nullable		Quarter
19	quarter_name	varchar(10)	Nullable		QuarterName
20	day_in_fiscalyear	int(11)	Nullable		Day In Fiscal Year
21	week_in_fiscalyear	int(11)	Nullable		Week In Fiscal Year
22	month_in_fiscalyear	int(11)	Nullable		Month In Fiscal Year
23	quarter_in_fiscalyear	int(11)	Nullable		Quarter In Fiscal Year
24	quarter_name_in_fiscalyear	varchar(10)	Nullable		Quarter Name In Fiscal Year
25	year_in_fiscal	int(11)	Nullable		Year in Fiscal
26	is_leapyear	tinyint(1)	Nullable		Is Leap Year ?
27	is_weekday	tinyint(1)	Nullable		Is Weekday ?
28	is_weekendday	tinyint(1)	Nullable		Is this a Weekend day ?
29	is_lastdayofmonth	tinyint(1)	Nullable		Is this the last Day Of the Month?

Initial Lead Management

Purpose

Lead Management from leads generated from the website

Physical Models

mtchi_inno_leads_raw					
This table holds data for leads that requested to view articles on the site without being logged in (trend reports and webinars)					
ID	Column	Type	Nullable	Indexed	Description
1	id	int(11)		PK	Primary Key - Auto incremented
2	request_created	timestamp			Timestamp of request
3	first_name	varchar(50)			Lead's First Name
4	last_name	varchar(50)			Lead's Surname
5	email_address	varchar(100)			Lead's email address
6	company	varchar(100)	Nullable		Name of the lead's organization
7	search_request	varchar(50)	Nullable		What the lead searched for
8	article_type	varchar(25)			Type of article (Trends or Webinar)
9	article_id	int(11)			ID of the article

How to rebuild this documentation

...albeit partially.

To rebuild table documentations, ensure that the content of table mtchi_inno_system_subsystems is up to date, replace database in this script & execute. Paste the generated mark-up text in the respective sections.

```
use information_schema;
set session group_concat_max_len = 1000000;
;
```



```
set @lasttable:= '';
select concat(group_concat(wikitext separator ''),
               char(10), '|}', char(10), char(10))
from (
  select concat(if(@lasttable=t.table_name,
                  '',
                  concat(if(@lasttable<>t.table_name and @lasttable<>' ',
                           concat(' |}', char(10), char(10)),
                           '')),
                '{| style="text-align:left;" class="wikitable" width="1200"', char(10),
                '|-', char(10),
                '! colspan="6" style="font-weight: bold; font-size: 18px; text-align:left; background-color:', ifnull(concat('#', s.color), 'orange'), ';' | ', t.table_name, char(10),
                '|-', char(10),
                '! colspan="6" style="font-weight: normal; text-align:left; background-color: white" | ', prod_20161108.string_split(t.table_comment, 120, char(10)), char(10),
                '|-', char(10),
                '! Id', char(10),
                '! Column', char(10),
                '! Type', char(10),
                '! Nullable', char(10),
                '! Indexed', char(10),
                '! Description', char(10),
                ')
  ),
  '|-', char(10),
  '| ', c.ordinal_position,
  '|| ', c.column_name,
  '|| ', c.column_type,
  '|| ', case c.is_nullable
          when 'YES' then 'Nullable'
          else ''
        end,
  '|| ', case c.column_key
          when 'PRI' then 'PK'
          when 'MUL' then 'IX'
          else ''
        end,
  '|| ', prod_20161108.string_split(c.column_comment, 120, char(10)),
  char(10)
  ) as wikitext,
  (select @lasttable:=t.table_name)
from tables t
inner join columns c
  on c.table_name = t.table_name
left join prod_20161108.mtchi_inno_system_subsystems s
  on (
    t.table_name like concat(s.namespace, '%')
    or
    find_in_set(t.table_name, s.inclusions)
  )
where t.table_schema = 'prod_20161108'
and t.table_schema = c.table_schema
and t.table_name like 'mtchi_%'
order by t.table_name, c.ordinal_position) a;
```

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Category: Pages with syntax highlighting errors

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