

CoTwins Data Model

Schema: user_schema

This schema is secure with limited access and should only contain personally identifiable information. This schema will not have any user “data” logs.

Table: parents

This table is obsolete/ for future use should we decide to make an app for the parents.

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
twin1_id	int(11)	twin1_id	int(11)
twin2_id	int(11)	twin2_id	int(11)
creation_date	timestamp	creation_date	timestamp

Table: sys_admin

This table stores the admin users of CoTwins. Only users in this table will have access to the admin interface.

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
creation_date	timestamp	creation_date	timestamp
email_id	varchar(45)	email_id	varchar(45)
password	varchar(45)	password	varchar(45)
last_reset_time	varchar(45)	last_reset_time	varchar(45)
reset	varchar(45)	reset	varchar(45)

Table: sys_participants

When invitations are sent out to users, they are stored in this table.

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
twin1_email	varchar(45)	twin1_email	varchar(45)
twin2_email	varchar(45)	twin2_email	varchar(45)
creation_date	timestamp	creation_date	timestamp
twin1_colorado_id	varchar(65)	twin1_colorado_id	varchar(65)
twin2_colorado_id	varchar(65)	twin2_colorado_id	varchar(65)

Table: user_socialmedia_assoc

This table contains user's OAuth tokens for Facebook and Twitter

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)

facebook_token	blob	facebook_token	blob
user_id	int(11)	user_id	int(11)
facebook_token_expiration_date	datetime	facebook_token_expiration_date	datetime
twitter_token	blob	twitter_token	blob
twitter_token_secret	blob	twitter_token_secret	blob
twitter_token_expiration_date	datetime	twitter_token_expiration_date	datetime

Table: user_token_assoc

Whenever a user logs in from any of the client, a new token is generated for the user and stored in this table. This table is looked up to retrieve alternate id for saving log data. The clients only deal with the tokens and do not have access to alternate id or user id or Colorado id.

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
creation_date	timestamp	creation_date	timestamp
alt_id	varchar(128)	alt_id	varchar(128)
access_token	varchar(128)	access_token	varchar(128)
token_expiration	datetime	token_expiration	datetime

Table: users

This is the table that stores participant registration information.

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
creation_date	timestamp	creation_date	timestamp
email_id	varchar(45)	email_id	varchar(45)
password	varchar(65)	password	varchar(65)
last_reset_time	datetime	last_reset_time	datetime
account_status	enum('active','inactive')	account_status	enum('active','inactive')
reset	varchar(45)	reset	varchar(45)
co_twin_id	int(11)	co_twin_id	int(11)
phone	varchar(45)	phone	varchar(45)
alternate_id	varchar(128)	alternate_id	varchar(128)
username	varchar(60)	username	varchar(60)
timetravel_offset	int(11)	timetravel_offset	int(11)
colorado_id	varchar(65)	colorado_id	varchar(65)
		app_token	blob
		app_type	enum('ios','android','browser')

Table: push_notification

This table contains push notification status.

Production (1/4/16)		Development (1/4/16)	
		id	int(11)
		scheduled_date	datetime
		sent_date	datetime
		user	int(11)

Schema: userdata_schema

Table: surveyanswers

This table is obsolete.

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
ls_survey_id	int(11)	ls_survey_id	int(11)
ls_token	varchar(20)	ls_token	varchar(20)
question_code	varchar(20)	question_code	varchar(20)
answer	varchar(128)	answer	varchar(128)

Table: surveyentries

This table contains data about scheduled surveys.

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
ls_survey_id	int(11)	ls_survey_id	int(11)
ls_token	varchar(20)	ls_token	varchar(20)
user_id	varchar(128)	user_id	varchar(128)
date_to_present	datetime	date_to_present	datetime
date_completed	datetime	date_completed	datetime
completed	tinyint(1)	completed	tinyint(1)
date_to_expire	datetime	date_to_expire	datetime
		priority	int(11)
		restriction	varchar(20)
		type	varchar(20)
		url	varchar(255)
		user_is_notified	tinyint(1)
		last_ack_time	datetime
		title	varchar(255)

Table: sys_account_switch_log

For browser extensions, this table logs when the twins switch the user accounts in case of shared computer (accounts).

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
creation_date	timestamp	creation_date	timestamp
last_userId	varchar(128)	last_userId	varchar(128)
current_userId	varchar(128)	current_userId	varchar(128)

Table: term_vector

This table contains the list of all terms that we will be tracking.

Production (1/4/16)		Development (1/4/16)	
		id	int(11)
		creation_date	timestamp
		term	varchar(255)

Table: term_vector_frequency

This table logs the actual occurrences of terms on a given web page.

Production (1/4/16)		Development (1/4/16)	
		id	int(11)
		user_id	varchar(128)
		term	varchar(255)
		frequency	int(11)
		timestamp	timestamp

Table: track_site

This table stores the list of sites that we are tracking to get the full content.

Production (1/4/16)		Development (1/4/16)	
		id	int(11)
		trackable	tinyint(1)
		active	tinyint(1)
		domain	varchar(255)
		creation_date	timestamp

Table: user_domain_name_visits

This table tracks the user page visits.

Production (1/4/16)		Development (1/4/16)	
		id	int (11)
		creation_date	timestamp

		user_id	varchar(128)
		domain	varchar(255)

Table: user_location

This table tracks user GPS locations from mobile devices.

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
creation_date	timestamp	creation_date	timestamp
user_id	varchar(128)	user_id	varchar(128)
latitude	decimal(45,10)	latitude	decimal(45,10)
longitude	decimal(45,10)	longitude	decimal(45,10)
sample_time	timestamp	sample_time	timestamp
		accuracy	decimal(45,10)

Table: user_mobile_session

This table tracks app sessions (start-end times).

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
creation_date	timestamp	creation_date	timestamp
user_id	varchar(128)	user_id	varchar(128)
start_time	datetime	start_time	datetime
end_time	datetime	end_time	datetime
app	varchar(65)	app	varchar(65)

Table: user_mobile_status

This table tracks the status of user's mobile device usage.

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
creation_date	timestamp	creation_date	timestamp
user_id	varchar(128)	user_id	varchar(128)
status	varchar(45)	status	varchar(45)

Table: user_page_content

This table logs the full html for websites in the domain list.

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
creation_date	timestamp	creation_date	timestamp
user_id	varchar(128)	user_id	varchar(128)
page_url	text	page_url	text

page_content	blob	page_content	blob
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Table: user_page_visits

This is probably obsolete for CoTwins. In MTogether this table tracks social media impressions on websites.

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
creation_date	timestamp	creation_date	timestamp
user_id	varchar(128)	user_id	varchar(128)
sample_time	timestamp	sample_time	timestamp
timezone	varchar(45)	timezone	varchar(45)
page_url	text	page_url	text
social_impression	varchar(45)	social_impression	varchar(45)

Table: user_social_media_session

This table is obsolete for CoTwins. For MTogether it tracks social media sessions.

Production (1/4/16)		Development (1/4/16)	
id	int(11)	id	int(11)
creation_date	timestamp	creation_date	timestamp
user_id	varchar(128)	user_id	varchar(128)
start_time	datetime	start_time	datetime
end_time	datetime	end_time	datetime
social_media	varchar(45)	social_media	varchar(45)
referrer	text	referrer	text

Table: user_tweet

This table stores tweets from participants.

Production (1/4/16)		Development (1/4/16)	
		id	int(11)
		tweet_id	bigint(20)
		text	text
		source	text
		created_at	datetime
		favorite_count	int(11)
		retweet_count	int(11)
		data	text
		alternate_id	int(11)

Table: google_locations

Store cached locations from Google Places API.

Production (1/4/16)		Development (1/4/16)	
		id	int(11)
		creation_date	timestamp
		latitude	decimal
		longitude	decimal
		radius	float
		google_location	text
		id	int(11)
		creation_date	timestamp