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Table Definition

ADMIN user of admin type
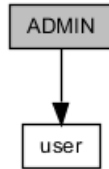
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V			[user] ID
LOGIN_ID	VARCHAR(100)					
LOGIN_PASSWORD	VARCHAR(100)					

unique key	columns	description
CONSTRAINT_3B	ID	
ADMIN_LOGIN_ID_KEY	LOGIN_ID	

column	description
ID	table identifier
LOGIN_ID	login ID
LOGIN_PASSWORD	login password

CONFIRMATION serves as evidence of tour
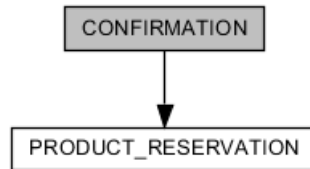
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V			[PRODUCT_RESERVATION] ID
NAME	VARCHAR(100)					
ENGLISH_NAME	VARCHAR(100)					
EMAIL	VARCHAR(100)					
PHONE	VARCHAR(100)					
TOUR_TITLE	VARCHAR(100)					
TOURIST_NUM	VARCHAR(100)					
TOUR_DATE	VARCHAR(100)					
COST	VARCHAR(100)					
PAID	VARCHAR(100)					
CONTACTABLE_TIME	VARCHAR(100)					
MEETING_PLACE	VARCHAR(100)					
GUIDE_PHONE	VARCHAR(100)					
GUIDE	VARCHAR(100)					
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_73	ID	

column	description
ID	table identifier
NAME	name of tourist
ENGLISH_NAME	english name of tourist
EMAIL	email of tourist
PHONE	phone number of tourist
TOUR_TITLE	tour title
TOURIST_NUM	tourist number
TOUR_DATE	day when tour start
COST	total tour cost
PAID	present payment
CONTACTABLE_TIME	contactable time with guide
MEETING_PLACE	place where meet with guide
GUIDE_PHONE	phone number of guide
GUIDE	name of guide
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

column	description
DELETED_AT	present that this record is deleted

column	description
DELETED_AT	present that this record is deleted

COUNTRY_X_LANGUAGE

relationship of country with language. languages are used as representative country.
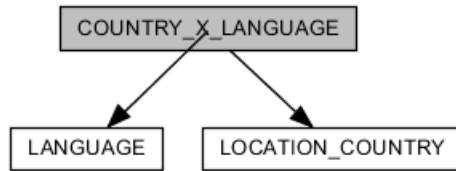
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		
COUNTRY_ID	BIGINT					[LOCATION_COUNTRY] ID
LANGUAGE_ID	BIGINT					[LANGUAGE] ID

unique key	columns	description				
CONSTRAINT_DA	ID					

column	description
ID	table identifier
COUNTRY_ID	reference country
LANGUAGE_ID	reference language

COURSE component what constitutes product. they are sequential about time.
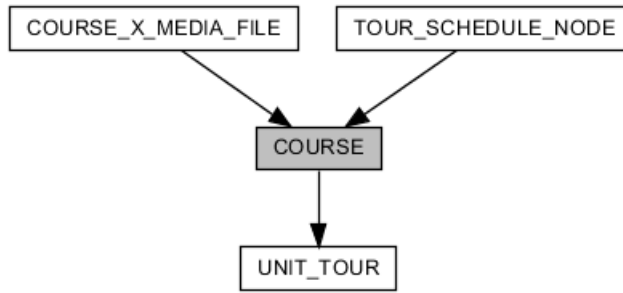
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[COURSE_X_MEDIA_FILE] COURSE_ID [TOUR_SCHEDULE_NODE] COURSE_ID	
UNIT_TOUR_ID	BIGINT	V				[UNIT_TOUR] ID
TITLE	VARCHAR(100)	V				
DESCRIPTION	CLOB(2147483647)	V				
SEQUENCE	INTEGER					
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_76	ID	

column	description
ID	table identifier
UNIT_TOUR_ID	reference product
TITLE	title of course
DESCRIPTION	description
SEQUENCE	sequence number
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

COURSE_X_MEDIA_FILE image file what is comprised in one course.
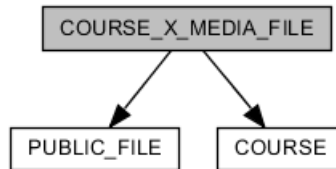
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		
COURSE_ID	BIGINT					[COURSE] ID
PUBLIC_FILE_ID	BIGINT					[PUBLIC_FILE] ID
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_8	ID	

column	description
ID	table identifier
COURSE_ID	reference course
PUBLIC_FILE_ID	reference image file
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

CURRENCY define currency
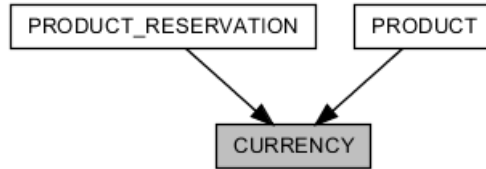
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[PRODUCT] CURRENCY_ID [PRODUCT_RESERVATION] CURRENCY_ID	
NAME	VARCHAR(2048)					

unique key	columns	description
CONSTRAINT_5	ID	
CURRENCY_NAME_KEY	NAME	

column	description
ID	table identifier
NAME	name of currency

CUSTOM_TOUR selling tour-product by guide manager
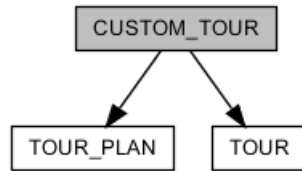
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V			[TOUR] ID
TOUR_PLAN_ID	BIGINT	V				[TOUR_PLAN] ID

unique key	columns	description
CONSTRAINT_182	ID	

column	description
ID	table identifier
TOUR_PLAN_ID	reference tour plan

FAQ frequently asked questions
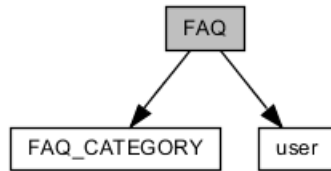
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		
USER_ID	BIGINT					[user] ID
QUESTION	CLOB(2147483647)					
ANSWER	CLOB(2147483647)					
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				
CATEGORY_ID	BIGINT	V				[FAQ_CATEGORY] ID

unique key	columns	description
CONSTRAINT_10	ID	

column	description
ID	table identifier
USER_ID	reference writer
QUESTION	question
ANSWER	answer
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted
CATEGORY_ID	reference category

FAQ_CATEGORY category of "faq"
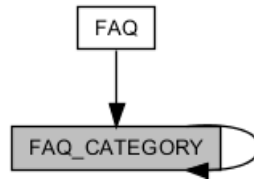
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[FAQ] CATEGORY_ID	
					[FAQ_CATEGORY] REF_ID	
NAME	VARCHAR(2048)					
REF_ID	BIGINT	V				[FAQ_CATEGORY] ID
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_6A	ID	

column	description
ID	table identifier
NAME	name of category
REF_ID	refer anyone of "faq_category"
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

GUIDE user of guide/guide manager type
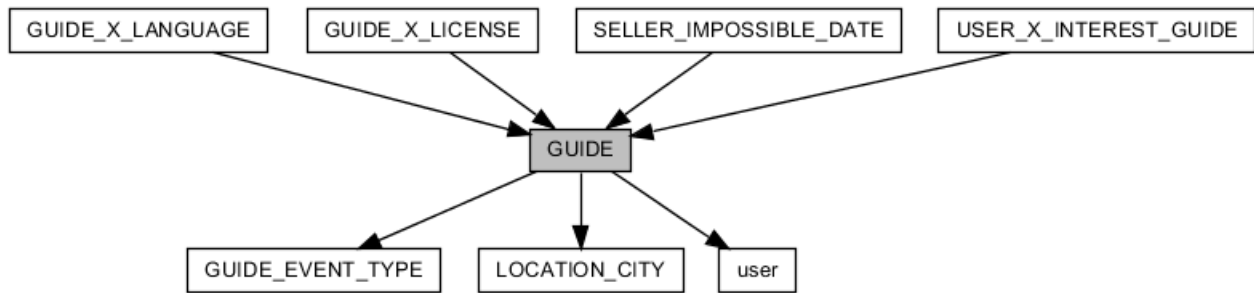
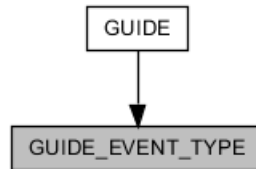| column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V		[GUIDE_X_LANGUAGE] GUIDE_ID	*[user] ID*
					[GUIDE_X_LICENSE] GUIDE_ID	
					[SELLER_IMPOSSIBLE_DATE] SELLER_ID	
					[USER_X_INTEREST_GUIDE] GUIDE_ID	
STATUS	ENUM			V		
GUIDE_EVENT_TYPE_ID	BIGINT	V				*[GUIDE_EVENT_TYPE] ID*
LOGIN_ID	VARCHAR(100)					
LOGIN_PASSWORD	VARCHAR(100)					
EMAIL_GENERATE_KEY	VARCHAR(255)					
EMAIL_CERTIFIED_AT	TIMESTAMP	V				
SKYPE_ID	VARCHAR(40)	V				
RESIDENTIAL_CITY_ID	BIGINT					*[LOCATION_CITY] ID*
EXPERIENCE	INTEGER	V				
AGE	INTEGER	V				
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_41	ID	
GUIDE_LOGIN_ID_KEY	LOGIN_ID	

column	description
ID	table identifier
STATUS	approved by administrator
GUIDE_EVENT_TYPE_ID	promotion about guide
LOGIN_ID	login ID
LOGIN_PASSWORD	login password
EMAIL_GENERATE_KEY	generated key for certificating email
EMAIL_CERTIFIED_AT	timestamp when email is certificated
SKYPE_ID	skype ID
RESIDENTIAL_CITY_ID	city of residence
EXPERIENCE	n years experience about guiding

column	description
AGE	age
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

column	description
AGE	age
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

GUIDE_EVENT_TYPE define promotion type about guide

GUIDE

GUIDE_EVENT_TYPE

column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[GUIDE] GUIDE_EVENT_TYPE_ID	
NAME	VARCHAR(255)					
MARKER	VARCHAR(2048)	V				
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_D5	ID	
GUIDE_EVENT_TYPE_NAME_KEY	NAME	

column	description
ID	table identifier
NAME	name of promotion
MARKER	mark as
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

GUIDE_X_LANGUAGE

relationship of guide with language. One guide has 1 guiding-language or more.
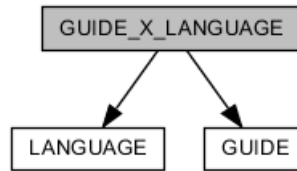
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		
GUIDE_ID	BIGINT					[GUIDE] ID
LANGUAGE_ID	BIGINT					[LANGUAGE] ID

unique key	columns	description
CONSTRAINT_49	ID	
GUIDE_X_LANGUAGE_GUIDE_ID_LANGUAGE_ID_KEY	GUIDE_ID LANGUAGE_ID	

column	description
ID	table identifier
GUIDE_ID	reference guide
LANGUAGE_ID	reference language

GUIDE_X_LICENSE relationship of guide with license.
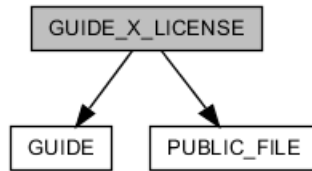
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		
GUIDE_ID	BIGINT					[GUIDE] ID
LICENSE_PICTURE_FILE_ ID	BIGINT	V				[PUBLIC_FILE] ID
LICENSE_NAME	VARCHAR(255)					

unique key	columns	description				
CONSTRAINT_7	ID					

column	description
ID	table identifier
GUIDE_ID	reference guide
LICENSE_PICTURE_FILE_ ID	reference picture file about license
LICENSE_NAME	name of license

KEYWORD define keyword for product classification

```
┌─────────────────────┐
│ PRODUCT_X_KEYWORD   │
└─────────────────────┘
           │
           ▼
    ┌───────────┐
    │  KEYWORD  │
    └───────────┘
```
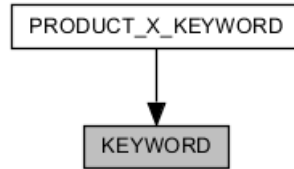
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[PRODUCT_X_KEYWORD] KEYWORD_ID	
NAME	VARCHAR(2048)					

unique key	columns	description		
CONSTRAINT_F	ID			
KEYWORD_NAME_KEY	NAME			

column	description
ID	table identifier
NAME	name of keyword

LANGUAGE define language for guiding
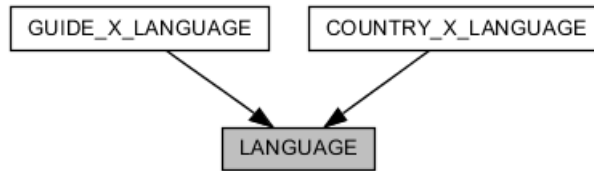
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[COUNTRY_X_LANGUAGE] LANGUAGE_ID [GUIDE_X_LANGUAGE] LANGUAGE_ID	
NAME	VARCHAR(2048)					
SORT_NAME	VARCHAR(100)					

unique key	columns	description
CONSTRAINT_C	ID	
LANGUAGE_SORT_NAME _KEY	SORT_NAME	

column	description
ID	table identifier
NAME	name of language
SORT_NAME	name of language for sorting

LOCATION_CITY real city
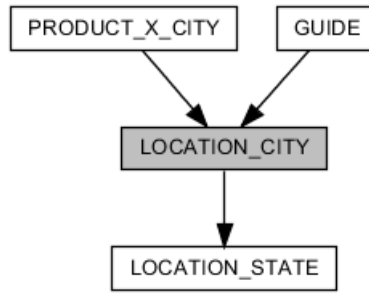
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[GUIDE] RESIDENTIAL_CITY_ID [PRODUCT_X_CITY] CITY_ID	
STATE_ID	BIGINT					[LOCATION_STATE] ID
NAME	VARCHAR(100)					
LATITUDE	DOUBLE	V				
LONGITUDE	DOUBLE	V				

unique key	columns	description
CONSTRAINT_50	ID	
LOCATION_CITY_STATE_ID_NAME_KEY	STATE_ID NAME	
LOCATION_CITY_LATITUDE_LONGITUDE_KEY	LATITUDE LONGITUDE	

column	description
ID	table identifier
STATE_ID	reference state
NAME	name of city
LATITUDE	latitude of city
LONGITUDE	longitude of city

LOCATION_COUNTRY real country
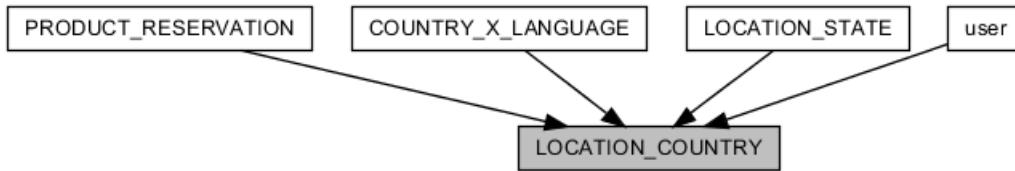
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[COUNTRY_X_LANGUAGE] COUNTRY_ID	
					[LOCATION_STATE] COUNTRY_ID	
					[PRODUCT_RESERVATION] MOBILE_COUNTRY_ID	
					[user] MOBILE_COUNTRY_ID	
					[user] NATIONALITY_ID	
NAME	VARCHAR(100)					
SORT_NAME	VARCHAR(10)					
KOREAN_NAME	VARCHAR(100)	V				
COUNTRY_CODE	INTEGER	V				
LATITUDE	DOUBLE	V				
LONGITUDE	DOUBLE	V				

unique key	columns	description
CONSTRAINT_D	ID	
LOCATION_COUNTRY_NAME_KEY	NAME	
LOCATION_COUNTRY_SORT_NAME_KEY	SORT_NAME	
LOCATION_COUNTRY_LATITUDE_LONGITUDE_KEY	LATITUDE LONGITUDE	

column	description
ID	table identifier
NAME	name of country
SORT_NAME	name of country for sorting
KOREAN_NAME	korean name of country
COUNTRY_CODE	international dialling code
LATITUDE	latitude of country
LONGITUDE	longitude of country

LOCATION_STATE real state
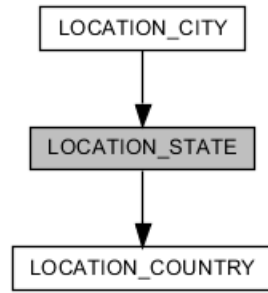
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[LOCATION_CITY] STATE_ID	
COUNTRY_ID	BIGINT					[LOCATION_COUNTRY] ID
NAME	VARCHAR(100)					
LATITUDE	DOUBLE	V				
LONGITUDE	DOUBLE	V				

unique key	columns	description
CONSTRAINT_B	ID	
LOCATION_STATE_COUNTRY_ID_NAME_KEY	COUNTRY_ID NAME	
LOCATION_STATE_LATITUDE_LONGITUDE_KEY	LATITUDE LONGITUDE	

column	description
ID	table identifier
COUNTRY_ID	reference country
NAME	name of state
LATITUDE	latitude of state
LONGITUDE	longitude of state

MESSAGE message form user to user
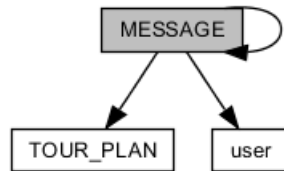
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[MESSAGE] REF_ID	
REF_ID	BIGINT	V				[MESSAGE] ID
SENDER_ID	BIGINT					[user] ID
RECEIVER_ID	BIGINT					[user] ID
MESSAGE_HEADER	VARCHAR(1024)	V				
MESSAGE_BODY	VARCHAR(2048)					
MESSAGE_FOOTER	VARCHAR(1024)	V				
READ	BOOLEAN			V		
SENDER_DELETED	BOOLEAN			V		
RECEIVER_DELETED	BOOLEAN			V		
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				
TAG	ENUM	V				
TOUR_PLAN_ID	BIGINT	V				[TOUR_PLAN] ID

unique key	columns	description
CONSTRAINT_6	ID	

column	description
ID	table identifier
REF_ID	represented message
SENDER_ID	reference sender
RECEIVER_ID	reference receiver
MESSAGE_HEADER	header content of message
MESSAGE_BODY	body content of message
MESSAGE_FOOTER	footer content of message
READ	read message by receiver
SENDER_DELETED	deleted message by sender
RECEIVER_DELETED	deleted message by receiver
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted
TAG	for classification
TOUR_PLAN_ID	reference tour-plan

NOTICE notify user(tourist/guide/guide manager) by administrator
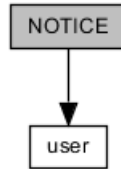
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		
USER_ID	BIGINT					[user] ID
TITLE	CLOB(2147483647)					
DESCRIPTION	CLOB(2147483647)					
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_89	ID	

column	description
ID	table identifier
USER_ID	reference writer
TITLE	title
DESCRIPTION	description
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

PRODUCT selling product by guide or guide manager

column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[PRODUCT_IMPOSSIBLE_DATE] PRODUCT_ID [PRODUCT_PRICE] PRODUCT_ID [PRODUCT_RESERVATION] PRODUCT_ID [PRODUCT_X_CITY] PRODUCT_ID [PRODUCT_X_KEYWORD] PRODUCT_ID [PRODUCT_X_THEME] PRODUCT_ID [SERVICE] ID [TOUR] ID [USER_X_INTEREST_PRODUCT] PRODUCT_ID	
TITLE	VARCHAR(100)	V				
STATUS	ENUM	V		V		

column	type	nullable	pkey	defaulted	referred	refer
PRODUCT_EVENT_TYPE_ID	BIGINT	V				
SELLER_ID	BIGINT	V				[user] ID
CURRENCY_ID	BIGINT	V				[CURRENCY] ID
IMAGE_ID	BIGINT	V				
SUMMARY	CLOB(2147483647)	V				
DESCRIPTION	CLOB(2147483647)	V				
INCLUSION	CLOB(2147483647)	V				
EXCLUSION	CLOB(2147483647)	V				
ETC	CLOB(2147483647)	V				
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				
UNLOAD	VARCHAR(1000)	V				
TYPE	ENUM			V		

unique key	columns	description
CONSTRAINT_18	ID	

column	description
ID	table identifier
TITLE	title of product
STATUS	approved by administrator
PRODUCT_EVENT_TYPE_ID	promotion about product
SELLER_ID	reference seller
CURRENCY_ID	base currency
IMAGE_ID	representative image of product
SUMMARY	summary of product
DESCRIPTION	description
INCLUSION	extra options what are include in the price
EXCLUSION	extra options what are not include in the price
ETC	extra description
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted
UNLOAD	request message for stop sale product
TYPE	product type(tour/service)

# PRODUCT_EVENT_TYPE define promotion type about product
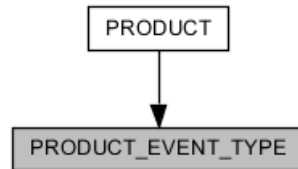
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[PRODUCT] PRODUCT_EVENT_TYPE_ ID	
NAME	VARCHAR(255)					
DISCOUNT	INTEGER			V		
MARKER	VARCHAR(2048)	V				
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_49B	ID	
PRODUCT_EVENT_TYPE_ NAME_KEY	NAME	

column	description
ID	table identifier
NAME	name of promotion
DISCOUNT	discount rate(0 ~ 99)
MARKER	mark as
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

PRODUCT_IMPOSSIBLE_DATE impossible date to reserve a product
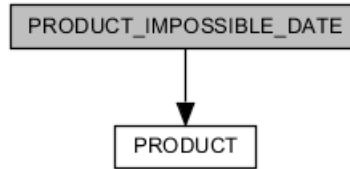
column	type	nullable	pkey	defaulted	referred	refer
PRODUCT_ID	BIGINT		V			[PRODUCT] ID
DATE	DATE		V			

unique key	columns	description
PRODUCT_IMPOSSIBLE_ DATE_PKEY	PRODUCT_ID DATE	

column	description
PRODUCT_ID	reference product
DATE	impossible date

PRODUCT_PRICE

price information of product. price of one product is comprised one price information or more.
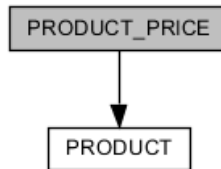
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		
PRODUCT_ID	BIGINT					[PRODUCT] ID
MINIMUM_PEOPLE	INTEGER	V				
MAXIMUM_PEOPLE	INTEGER	V				
PRICE	DOUBLE	V				
CREATED_AT	TIMESTAMP				V	
UPDATED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_42	ID	
PRODUCT_PRICE_PROD UCT_ID_MINIMUM_PEOPL E_MAXIMUM_PEOPLE_KE Y	PRODUCT_ID MINIMUM_PEOPLE MAXIMUM_PEOPLE	

| column	description
ID	table identifier
PRODUCT_ID	reference product
MINIMUM_PEOPLE	minimum number of people is affected by this price information
MAXIMUM_PEOPLE	maximum number of people is affected by this price information
PRICE	price
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

PRODUCT_RESERVATION reservation of product
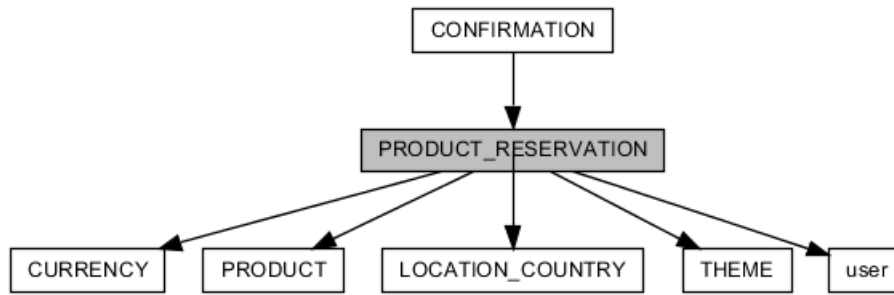
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[CONFIRMATION] ID	
USER_ID	BIGINT					[user] ID
PRODUCT_ID	BIGINT					[PRODUCT] ID
CURRENCY_ID	BIGINT					[CURRENCY] ID
BOOK_DATE	DATE					
NUMBER_PEOPLE	INTEGER					
AGE	ENUM	V				
PURPOSE_ID	BIGINT	V				[THEME] ID
REQUEST_MESSAGE	CLOB(2147483647)	V				
STATUS	ENUM			V		
NAME	VARCHAR(100)					
ENGLISH_NAME	VARCHAR(100)					
MOBILE_COUNTRY_ID	BIGINT					[LOCATION_COUNTRY] ID
MOBILE	VARCHAR(20)					
EMAIL	VARCHAR(100)					
PAYOUT_STATUS	ENUM			V		
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				
EVENT_NAME	VARCHAR(255)	V				
EVENT_DISCOUNT	INTEGER			V		
ORIGINAL_PRICE	DOUBLE			V		
FINAL_PRICE	DOUBLE			V		
EPILOGUE_STAR_POINT	INTEGER	V				
EPILOGUE_COMMENT	CLOB(2147483647)	V				
EPILOGUE_WROTE_AT	TIMESTAMP	V				
EPILOGUE_REPLY	CLOB(2147483647)	V				

unique key	columns	description
CONSTRAINT_3F	ID	

column	description
ID	table identifier

column	description
USER_ID	reference people who has booked
PRODUCT_ID	reference product
CURRENCY_ID	reference currency
BOOK_DATE	booked date
NUMBER_PEOPLE	number of people
AGE	age of representative
PURPOSE_ID	purpose of tour. reference trend theme.
REQUEST_MESSAGE	request message about tour
STATUS	tour progress situation
NAME	name of representative
ENGLISH_NAME	english name of representative
MOBILE_COUNTRY_ID	reference activated country of cellphone
MOBILE	mobile number of representative
EMAIL	email of representative
PAYOUT_STATUS	is paid
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted
EVENT_NAME	promotion about product
EVENT_DISCOUNT	promotion about product
ORIGINAL_PRICE	non-discounted price by event
FINAL_PRICE	discounted price by event
EPILOGUE_STAR_POINT	score (0 ~ 5) about tour satisfaction
EPILOGUE_COMMENT	comment of epilogue
EPILOGUE_WROTE_AT	timestamp when this epilogue is wrote
EPILOGUE_REPLY	

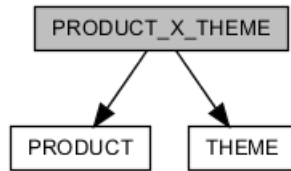# PRODUCT_X_CITY relationship of product with city. tour city is one or more.
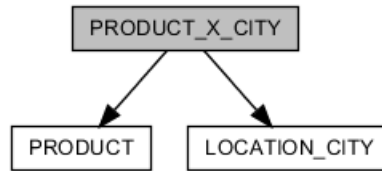
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		
PRODUCT_ID	BIGINT					[PRODUCT] ID
CITY_ID	BIGINT					[LOCATION_CITY] ID
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_24	ID	
PRODUCT_X_CITY_PRODUCT_ID_CITY_ID_KEY	PRODUCT_ID CITY_ID	

column	description
ID	table identifier
PRODUCT_ID	reference product
CITY_ID	reference city
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

PRODUCT_X_KEYWORD relationship of product with keyword.
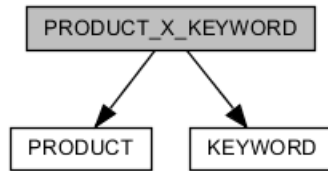
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		
PRODUCT_ID	BIGINT					[PRODUCT] ID
KEYWORD_ID	BIGINT					[KEYWORD] ID
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_65	ID	

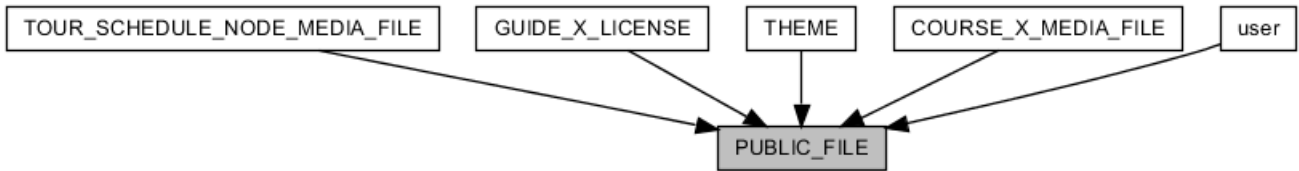| column	description
ID	table identifier
PRODUCT_ID	reference product
KEYWORD_ID	reference keyword
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

PRODUCT_X_THEME relationship of product with theme

column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		
PRODUCT_ID	BIGINT					[PRODUCT] ID
THEME_ID	BIGINT					[THEME] ID
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_7B	ID	

column	description
ID	table identifier
PRODUCT_ID	reference product
THEME_ID	reference theme
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

PUBLIC_FILE saved file at server

column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[GUIDE_X_LICENSE] LICENSE_PICTURE_FILE_ ID	
					[COURSE_X_MEDIA_FILE] PUBLIC_FILE_ID	
					[THEME] BACKGROUND_IMAGE_ID	
					[THEME] IMAGE_ID	
					[TOUR_SCHEDULE_NODE _MEDIA_FILE] PUBLIC_FILE_ID	
					[user] PROFILE_IMAGE_ID	
ORIGINAL_NAME	VARCHAR(256)					
NAME	VARCHAR(256)					
SIZE	BIGINT					
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_4	ID	

| column	description
ID	table identifier
ORIGINAL_NAME	file name what is file name of user end side in uploading
NAME	saved file name at server side after upload
SIZE	file size
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

SELLER_IMPOSSIBLE_DATE impossible date to reserve a product what is sale by seller

SELLER_IMPOSSIBLE_DATE
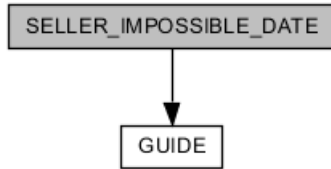
GUIDE

column	type	nullable	pkey	defaulted	referred	refer
SELLER_ID	BIGINT		V			[GUIDE] ID
DATE	DATE		V			

unique key	columns	description
SELLER_IMPOSSIBLE_DATE_PKEY	SELLER_ID DATE	

column	description
SELLER_ID	reference seller
DATE	impossible date

SERVICE define service for service provide by guide or guide manager
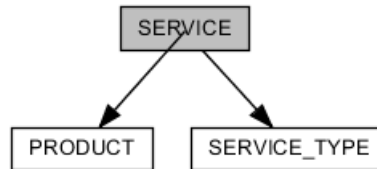
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V			[PRODUCT] ID
SERVICE_TYPE_ID	BIGINT					[SERVICE_TYPE] ID
TRANSPORTATION_TYPE	ENUM	V				

unique key	columns	description
CONSTRAINT_A10	ID	

column	description
ID	table identifier
SERVICE_TYPE_ID	representative service type
TRANSPORTATION_TYPE	kind of transportation in the service

SERVICE_TYPE define service type for service provide by guide or guide manager
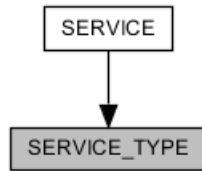
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[SERVICE] SERVICE_TYPE_ID	
NAME	VARCHAR(2048)					

unique key	columns	description
CONSTRAINT_A1	ID	
SERVICE_TYPE_NAME_KEY	NAME	

column	description
ID	table identifier
NAME	name of service type

THEME define theme
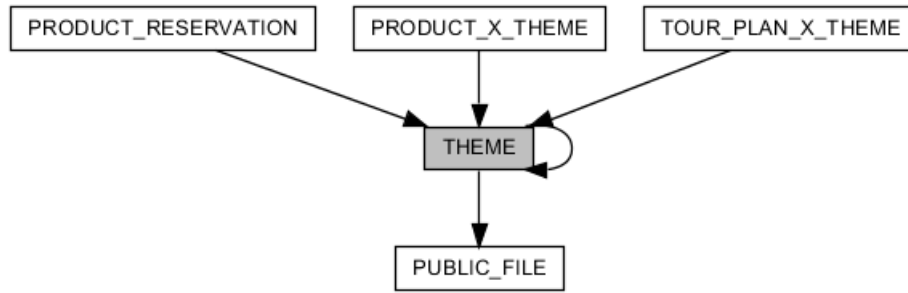
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[PRODUCT_RESERVATION] PURPOSE_ID [PRODUCT_X_THEME] THEME_ID [THEME] REF_ID [TOUR_PLAN_X_THEME] THEME_ID	
NAME	VARCHAR(2048)					
REF_ID	BIGINT	V				[THEME] ID
TREND	BOOLEAN			V		
IMAGE_ID	BIGINT	V				[PUBLIC_FILE] ID
BACKGROUND_IMAGE_ID	BIGINT	V				[PUBLIC_FILE] ID
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_4C	ID	

column	description
ID	table identifier
NAME	name of theme
REF_ID	reference anyone of "theme"
TREND	is representative
IMAGE_ID	reference icon
BACKGROUND_IMAGE_ID	reference picture
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

TOUR selling tour-product by guide or guide manager
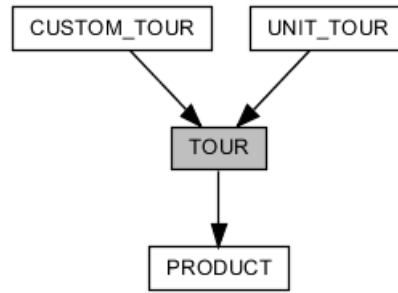
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V		[CUSTOM_TOUR] ID [UNIT_TOUR] ID	[PRODUCT] ID
TYPE	ENUM					
ADJUSTABLE_TIME	BOOLEAN	V		V		
MUST_INQUIRE	BOOLEAN	V		V		
TOUR_SCALE	ENUM	V				
DUE_DATE_TYPE	ENUM	V				
DUE_DATE	DOUBLE	V				

unique key	columns	description
CONSTRAINT_27	ID	

column	description
ID	table identifier
TYPE	tour type(unit tour/custom tour)
ADJUSTABLE_TIME	is adjustable when meet with guide
MUST_INQUIRE	must inquire, before reserve
TOUR_SCALE	tour type(independent travel/associated travel)
DUE_DATE_TYPE	unit about period of trip
DUE_DATE	period of trip

TOURIST user of tourist type
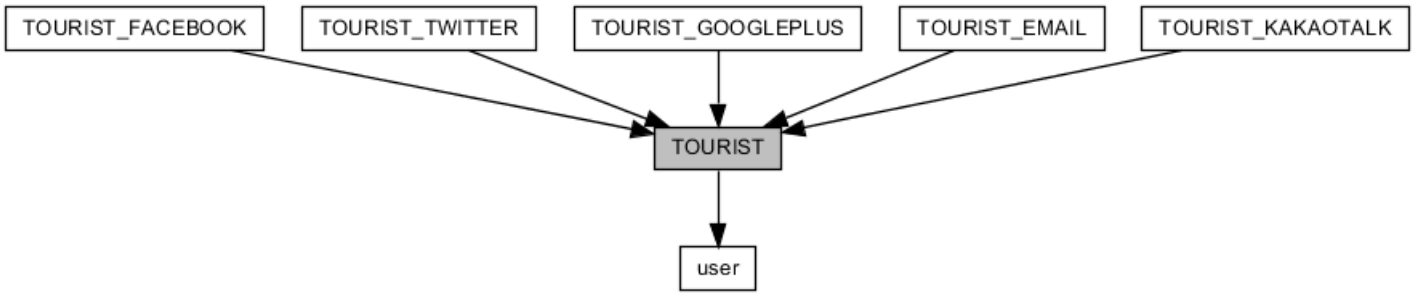
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V		[TOURIST_EMAIL] ID	[user] ID
					[TOURIST_FACEBOOK] ID	
					[TOURIST_GOOGLEPLUS] ID	
					[TOURIST_KAKAOTALK] ID	
					[TOURIST_TWITTER] ID	
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

unique key	columns		description			
CONSTRAINT_E	ID					

column	description
ID	table identifier
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

# TOURIST_EMAIL joined tourist through input email information
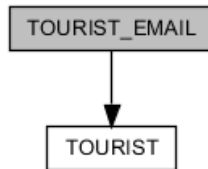
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V			[TOURIST] ID
EMAIL	VARCHAR(100)					
PASSWORD	VARCHAR(100)					
GENERATE_KEY	VARCHAR(255)					
CERTIFIED_AT	TIMESTAMP	V				
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_496	ID	
TOURIST_EMAIL_EMAIL_ KEY	EMAIL	

| column	description
ID	table identifier
EMAIL	email of tourist. login ID
PASSWORD	login password
GENERATE_KEY	generated key for certificating email
CERTIFIED_AT	timestamp when email is certificated
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

TOURIST_FACEBOOK joined tourist through facebook
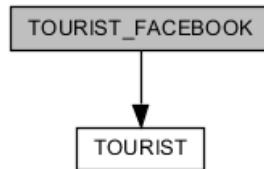
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V			[TOURIST] ID
SOCIAL_ID	VARCHAR(255)					
FIRST_NAME	VARCHAR(100)	V				
MIDDLE_NAME	VARCHAR(100)	V				
LAST_NAME	VARCHAR(100)	V				
EMAIL	VARCHAR(255)	V				
GENDER	ENUM	V				
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_1	ID	
TOURIST_FACEBOOK_SOCIAL_ID_KEY	SOCIAL_ID	

column	description
ID	table identifier
SOCIAL_ID	facebook ID. login ID
FIRST_NAME	first name of tourist that is received from facebook
MIDDLE_NAME	middle name of tourist that is received from facebook
LAST_NAME	last name of tourist that is received from facebook
EMAIL	email of tourist that is received from facebook
GENDER	gender of tourist that is received from facebook
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

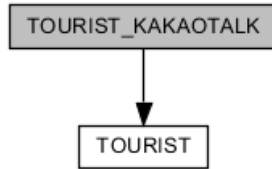# TOURIST_GOOGLEPLUS joined tourist through googleplus
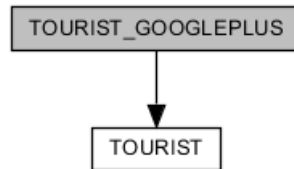
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V			[TOURIST] ID
SOCIAL_ID	VARCHAR(255)					
FULL_NAME	VARCHAR(255)	V				
FIRST_NAME	VARCHAR(100)	V				
LAST_NAME	VARCHAR(100)	V				
EMAIL	VARCHAR(255)	V				
GENDER	ENUM	V				
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_57	ID	
TOURIST_GOOGLEPLUS_ SOCIAL_ID_KEY	SOCIAL_ID	

column	description
ID	table identifier
SOCIAL_ID	googleplus ID. login ID
FULL_NAME	full name of tourist that is received from googleplus
FIRST_NAME	first name of tourist that is received from googleplus
LAST_NAME	last name of tourist that is received from googleplus
EMAIL	email of tourist that is received from googleplus
GENDER	gender of tourist that is received from googleplus
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

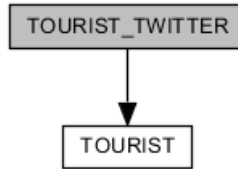# TOURIST_KAKAOTALK joined tourist through kakaotalk

column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V			[TOURIST] ID
SOCIAL_ID	VARCHAR(255)					
NICKNAME	VARCHAR(255)					
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

| unique key	columns	description
CONSTRAINT_9	ID	
TOURIST_KAKAOTALK_SOCIAL_ID_KEY	SOCIAL_ID	

| column	description
ID	table identifier
SOCIAL_ID	kakaotalk ID. login ID
NICKNAME	nickname of tourist that is received from kakaotalk
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

TOURIST_TWITTER joined tourist through twitter

column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V			[TOURIST] ID
SOCIAL_ID	VARCHAR(255)					
SCREEN_NAME	VARCHAR(255)					
NAME	VARCHAR(255)	V				
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_A	ID	
TOURIST_TWITTER_SOCIAL_ID_KEY	SOCIAL_ID	

column	description
ID	table identifier
SOCIAL_ID	twitter ID. login ID
SCREEN_NAME	screen-name of tourist that is received from twitter
NAME	name of tourist that is received from twitter
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

# TOUR_PLAN plan tour by user. also it is used component of custom tour.
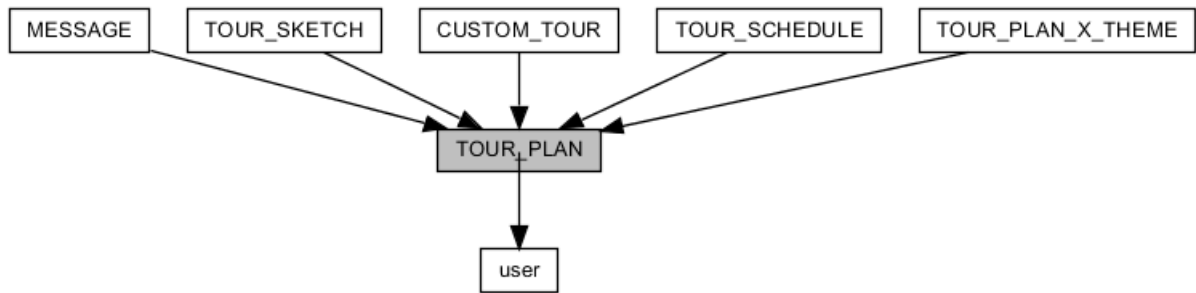
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[CUSTOM_TOUR] TOUR_PLAN_ID [MESSAGE] TOUR_PLAN_ID [TOUR_PLAN_X_THEME] TOUR_PLAN_ID [TOUR_SCHEDULE] TOUR_PLAN_ID [TOUR_SKETCH] ID	
USER_ID	BIGINT					[user] ID
TITLE	VARCHAR(200)					
DESCRIPTION	CLOB(2147483647)	V				
START_AT	DATE	V				
END_AT	DATE	V				
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_D6	ID	

column	description
ID	table identifier
USER_ID	reference writer
TITLE	title of tour-plan
DESCRIPTION	description
START_AT	start date of tour
END_AT	end date of tour
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

TOUR_PLAN_X_THEME relationship of tour-plan with theme
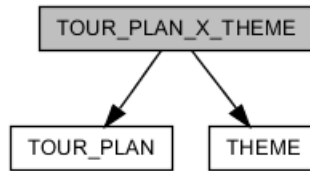
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		
TOUR_PLAN_ID	BIGINT					[TOUR_PLAN] ID
THEME_ID	BIGINT					[THEME] ID
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_F6	ID	
TOUR_PLAN_X_THEME_T OUR_PLAN_ID_THEME_ID _KEY	TOUR_PLAN_ID THEME_ID	

column	description
ID	table identifier
TOUR_PLAN_ID	reference tour-plan
THEME_ID	reference theme
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

TOUR_SCHEDULE schedule sheet of tour-plan
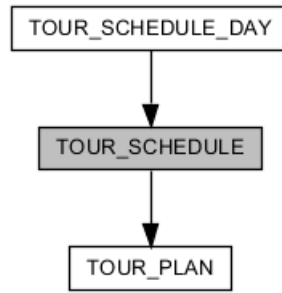
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[TOUR_SCHEDULE_DAY] TOUR_SCHEDULE_ID	
TOUR_PLAN_ID	BIGINT					[TOUR_PLAN] ID
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_5C	ID	

| column	description
ID	table identifier
TOUR_PLAN_ID	reference tour-plan
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

TOUR_SCHEDULE_DAY information about specific day in tour-plan. they are sequential about time.
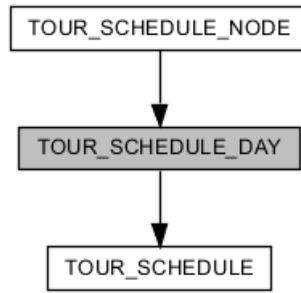
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[TOUR_SCHEDULE_NODE] TOUR_SCHEDULE_DAY_ID	
TOUR_SCHEDULE_ID	BIGINT					[TOUR_SCHEDULE] ID
SEQUENCE	INTEGER					
TITLE	VARCHAR(100)	V				
DESCRIPTION	CLOB(2147483647)	V				
TRANSPORTATION_TYPE	ENUM	V		V		
MEETING_TIME	VARCHAR(100)	V				
MEETING_LOCATION_NAME	VARCHAR(50)	V				
MEETING_LOCATION_MAP_ZOOM	INTEGER	V		V		
MEETING_LOCATION_LATITUDE	DOUBLE	V				
MEETING_LOCATION_LONGITUDE	DOUBLE	V				
MEETING_LOCATION_DESCRIPTION	CLOB(2147483647)	V				
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_94	ID	

column	description
ID	table identifier
TOUR_SCHEDULE_ID	reference tour-schedule
SEQUENCE	sequence number
TITLE	title
DESCRIPTION	description
TRANSPORTATION_TYPE	kind of transportation in the day
MEETING_TIME	when meet with guide
MEETING_LOCATION_NAME	name of place where meet with guide
MEETING_LOCATION_MAP_ZOOM	zoom level of google map about place where meet with guide

| column	description
MEETING_LOCATION_LATITUDE	latitude of place where meet with guide
MEETING_LOCATION_LONGITUDE	longitude of place where meet with guide
MEETING_LOCATION_DESCRIPTION	description about place where meet with guide
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

TOUR_SCHEDULE_NODE

information about course in specific tour day. detailed information about course is reference "product_course" entity.
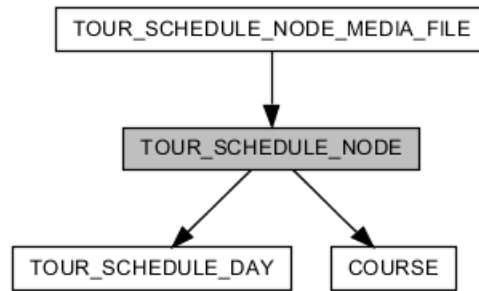
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[TOUR_SCHEDULE_NODE_MEDIA_FILE] TOUR_SCHEDULE_NODE_ID	
TOUR_SCHEDULE_DAY_ID	BIGINT					[TOUR_SCHEDULE_DAY] ID
COURSE_ID	BIGINT	V				[COURSE] ID
START	INTEGER					
SIZE	INTEGER					
TITLE	VARCHAR(100)					
DESCRIPTION	CLOB(2147483647)	V				
LATITUDE	DOUBLE	V				
LONGITUDE	DOUBLE	V				
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_2C	ID	

| column	description
ID	table identifier
TOUR_SCHEDULE_DAY_ID	reference tour-schedule-day
COURSE_ID	reference course
START	start time. unit is minute. "0" is mean twelve at night.
SIZE	period time about course. unit is minute.
TITLE	title
DESCRIPTION	description
LATITUDE	latitude of course
LONGITUDE	longitude of course
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted

TOUR_SCHEDULE_NODE_MEDIA_FILE image file what is comprised in one tour-schedule-node
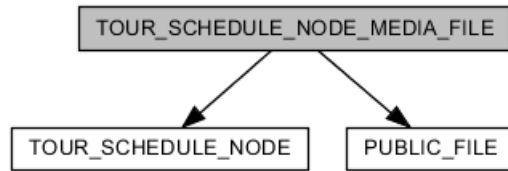
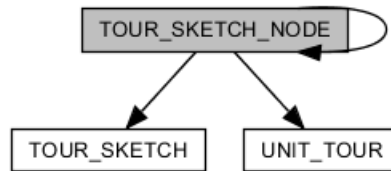| column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		

column	type	nullable	pkey	defaulted	referred	refer
TOUR_SCHEDULE_NODE_ID	BIGINT					
PUBLIC_FILE_ID	BIGINT					[PUBLIC_FILE] ID
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_DA6	ID	

column	description
ID	table identifier
TOUR_SCHEDULE_NODE_ID	reference tour-schedule-node
PUBLIC_FILE_ID	reference image file
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

TOUR_SKETCH collection tour-information
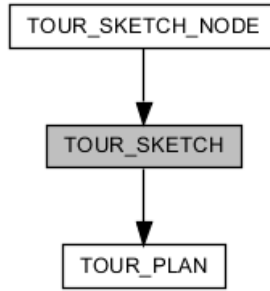
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V		[TOUR_SKETCH_NODE] TOUR_SKETCH_ID	[TOUR_PLAN] ID
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_F1	ID	

| column	description
ID	table identifier
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

TOUR_SKETCH_NODE tour-information

column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[TOUR_SKETCH_NODE] REF_ID	
TOUR_SKETCH_ID	BIGINT					[TOUR_SKETCH] ID
SEQUENCE	DOUBLE					
NAME	VARCHAR(200)					
REF_ID	BIGINT	V				[TOUR_SKETCH_NODE] ID
TYPE	ENUM					
UNIT_TOUR_ID	BIGINT	V				[UNIT_TOUR] ID
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_3A	ID	

column	description
ID	table identifier
TOUR_SKETCH_ID	reference tour-sketch
SEQUENCE	sequence number
NAME	name of information
REF_ID	reference tour-sketch-node
TYPE	tour-sketch-node is two types: folder(no information. for classification), item(belong folder-node)
UNIT_TOUR_ID	
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

UNIT_TOUR selling tour-product by guide
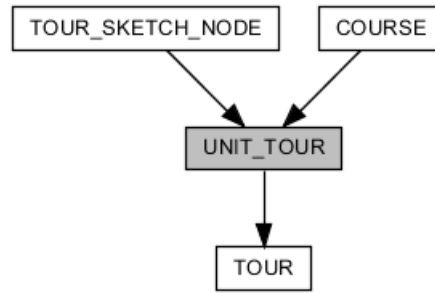
column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V		[COURSE] UNIT_TOUR_ID [TOUR_SKETCH_NODE] UNIT_TOUR_ID	[TOUR] ID
TRANSPORTATION_TYPE	ENUM	V				
MEETING_TIME	VARCHAR(100)	V				
MEETING_LOCATION_NAME	VARCHAR(50)	V				
MEETING_LOCATION_MAP_ZOOM	INTEGER	V		V		
MEETING_LOCATION_LATITUDE	DOUBLE	V				
MEETING_LOCATION_LONGITUDE	DOUBLE	V				
MEETING_LOCATION_DESCRIPTION	CLOB(2147483647)	V				

unique key	columns	description
CONSTRAINT_8B	ID	

column	description
ID	table identifier
TRANSPORTATION_TYPE	kind of transportation in the trip
MEETING_TIME	when meet with guide
MEETING_LOCATION_NAME	name of place where meet with guide
MEETING_LOCATION_MAP_ZOOM	zoom level of google map about place where meet with guide
MEETING_LOCATION_LATITUDE	latitude of place where meet with guide
MEETING_LOCATION_LONGITUDE	longitude of place where meet with guide
MEETING_LOCATION_DESCRIPTION	description about place where meet with guide

USER_X_INTEREST_GUIDE relationship of user with guide.
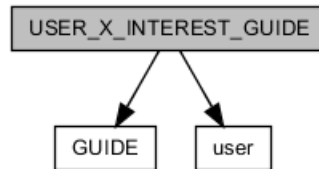
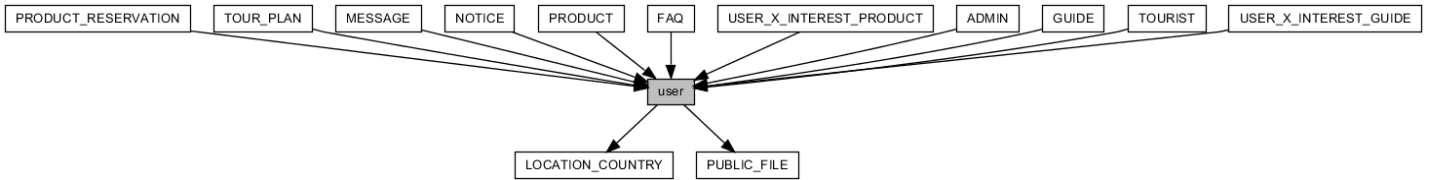| column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		
USER_ID	BIGINT					[user] ID
GUIDE_ID	BIGINT					[GUIDE] ID
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_2	ID	
USER_X_INTEREST_GUID E_USER_ID_GUIDE_ID_K EY	USER_ID GUIDE_ID	

column	description
ID	table identifier
USER_ID	reference user
GUIDE_ID	reference guide
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

USER_X_INTEREST_PRODUCT relationship of user with product.

column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V		
USER_ID	BIGINT					[user] ID
PRODUCT_ID	BIGINT					[PRODUCT] ID
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				

unique key	columns	description
CONSTRAINT_DB	ID	
USER_X_INTEREST_PRO DUCT_USER_ID_PRODUC T_ID_KEY	USER_ID PRODUCT_ID	

column	description
ID	table identifier
USER_ID	reference user
PRODUCT_ID	reference product
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated

user

column	type	nullable	pkey	defaulted	referred	refer
ID	BIGINT		V	V	[ADMIN] ID	
					[FAQ] USER_ID	
					[GUIDE] ID	
					[MESSAGE] RECEIVER_ID	
					[MESSAGE] SENDER_ID	
					[NOTICE] USER_ID	
					[PRODUCT_RESERVATION] USER_ID	
					[PRODUCT] SELLER_ID	
					[TOURIST] ID	
					[TOUR_PLAN] USER_ID	
					[USER_X_INTEREST_GUIDE] USER_ID	
					[USER_X_INTEREST_PRODUCT] USER_ID	
TYPE	ENUM					
EMAIL	VARCHAR(100)	V				
FIRST_NAME	VARCHAR(100)	V				
MIDDLE_NAME	VARCHAR(100)	V				
LAST_NAME	VARCHAR(100)	V				
PROFILE_IMAGE_ID	BIGINT	V				*[PUBLIC_FILE] ID*
PROFILE_DESCRIPTION	CLOB(2147483647)	V				
GENDER	ENUM	V				
MOBILE_COUNTRY_ID	BIGINT	V				*[LOCATION_COUNTRY] ID*
MOBILE	VARCHAR(20)	V				
NATIONALITY_ID	BIGINT	V				*[LOCATION_COUNTRY] ID*
ACCOUNT_STATUS	ENUM			V		
CREATED_AT	TIMESTAMP			V		
UPDATED_AT	TIMESTAMP	V				
DELETED_AT	TIMESTAMP	V				
AGREE_RECEIVE	BOOLEAN			V		
LOCALE	VARCHAR(16)	V				

unique key	columns	description
CONSTRAINT_3	ID	

column	description
ID	table identifier
TYPE	
EMAIL	
FIRST_NAME	
MIDDLE_NAME	
LAST_NAME	
PROFILE_IMAGE_ID	
PROFILE_DESCRIPTION	
GENDER	
MOBILE_COUNTRY_ID	
MOBILE	
NATIONALITY_ID	
ACCOUNT_STATUS	
CREATED_AT	timestamp when this record is created
UPDATED_AT	timestamp when this record is updated
DELETED_AT	present that this record is deleted
AGREE_RECEIVE	
LOCALE	