Contents

[Enum Definition](#_Toc41701078)

[Table Definition](#_Toc41701079)

[ADMIN](#_Toc41701080)

[CONFIRMATION](#_Toc41701081)

[COUNTRY\_X\_LANGUAGE](#_Toc41701082)

[COURSE](#_Toc41701083)

[COURSE\_X\_MEDIA\_FILE](#_Toc41701084)

[CURRENCY](#_Toc41701085)

[CUSTOM\_TOUR](#_Toc41701086)

[FAQ](#_Toc41701087)

[FAQ\_CATEGORY](#_Toc41701088)

[GUIDE](#_Toc41701089)

[GUIDE\_EVENT\_TYPE](#_Toc41701090)

[GUIDE\_X\_LANGUAGE](#_Toc41701091)

[GUIDE\_X\_LICENSE](#_Toc41701092)

[KEYWORD](#_Toc41701093)

[LANGUAGE](#_Toc41701094)

[LOCATION\_CITY](#_Toc41701095)

[LOCATION\_COUNTRY](#_Toc41701096)

[LOCATION\_STATE](#_Toc41701097)

[MESSAGE](#_Toc41701098)

[NOTICE](#_Toc41701099)

[PRODUCT](#_Toc417010100)

[PRODUCT\_EVENT\_TYPE](#_Toc417010101)

[PRODUCT\_IMPOSSIBLE\_DATE](#_Toc417010102)

[PRODUCT\_PRICE](#_Toc417010103)

[PRODUCT\_RESERVATION](#_Toc417010104)

[PRODUCT\_X\_CITY](#_Toc417010105)

[PRODUCT\_X\_KEYWORD](#_Toc417010106)

[PRODUCT\_X\_THEME](#_Toc417010107)

[PUBLIC\_FILE](#_Toc417010108)

[SELLER\_IMPOSSIBLE\_DATE](#_Toc417010109)

[SERVICE](#_Toc417010110)

[SERVICE\_TYPE](#_Toc417010111)

[THEME](#_Toc417010112)

[TOUR](#_Toc417010113)

[TOURIST](#_Toc417010114)

[TOURIST\_EMAIL](#_Toc417010115)

[TOURIST\_FACEBOOK](#_Toc417010116)

[TOURIST\_GOOGLEPLUS](#_Toc417010117)

[TOURIST\_KAKAOTALK](#_Toc417010118)

[TOURIST\_TWITTER](#_Toc417010119)

[TOUR\_PLAN](#_Toc417010120)

[TOUR\_PLAN\_X\_THEME](#_Toc417010121)

[TOUR\_SCHEDULE](#_Toc417010122)

[TOUR\_SCHEDULE\_DAY](#_Toc417010123)

[TOUR\_SCHEDULE\_NODE](#_Toc417010124)

[TOUR\_SCHEDULE\_NODE\_MEDIA\_FILE](#_Toc417010125)

[TOUR\_SKETCH](#_Toc417010126)

[TOUR\_SKETCH\_NODE](#_Toc417010127)

[UNIT\_TOUR](#_Toc417010128)

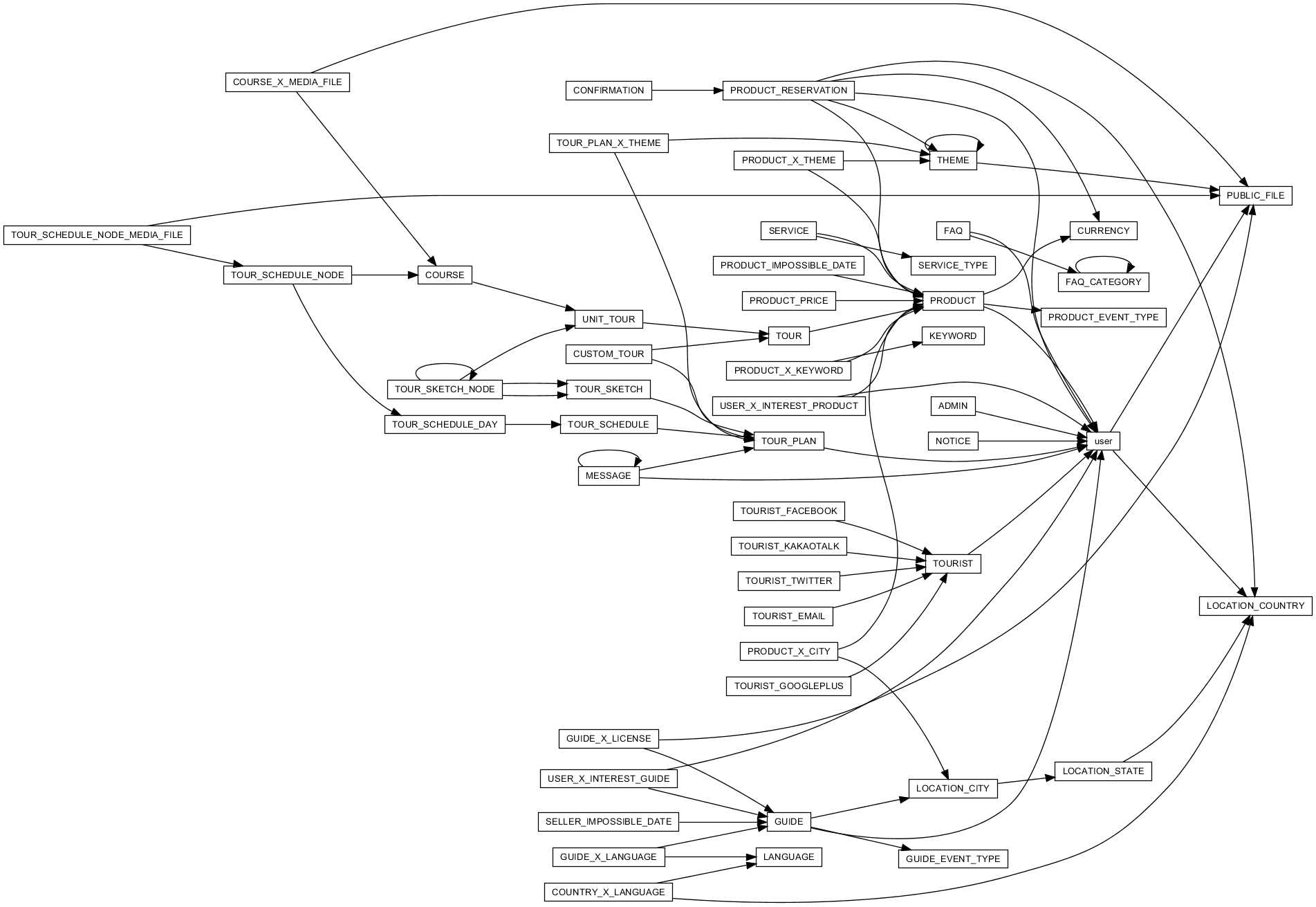
[USER\_X\_INTEREST\_GUIDE](#_Toc417010129)

[USER\_X\_INTEREST\_PRODUCT](#_Toc417010130)

[user](#_Toc417010131)

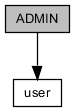
# Enum Definition

# Table Definition



## ADMIN

user of admin type



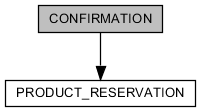
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  |  | [[user] ID](#CONSTRAINT_3) |
| LOGIN\_ID | VARCHAR(100) |  |  |  |  |  |
| LOGIN\_PASSWORD | VARCHAR(100) |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



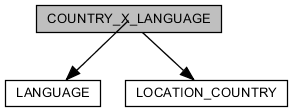
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  |  | [[PRODUCT\_RESERVATION] ID](#CONSTRAINT_3F) |
| NAME | VARCHAR(100) |  |  |  |  |  |
| ENGLISH\_NAME | VARCHAR(100) |  |  |  |  |  |
| EMAIL | 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 |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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 |
| DELETED\_AT | present that this record is deleted |

## COUNTRY\_X\_LANGUAGE

relationship of country with language. languages are used as representative country.



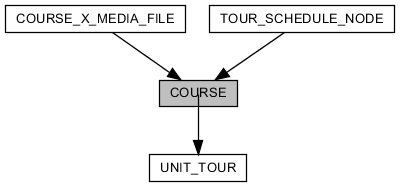
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| COUNTRY\_ID | BIGINT |  |  |  |  | [[LOCATION\_COUNTRY] ID](#CONSTRAINT_D) |
| LANGUAGE\_ID | BIGINT |  |  |  |  | [[LANGUAGE] ID](#CONSTRAINT_C) |

|  |  |  |
| --- | --- | --- |
| 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.



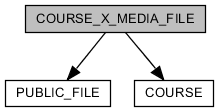
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [COURSE\_X\_MEDIA\_FILE] COURSE\_ID  [TOUR\_SCHEDULE\_NODE] COURSE\_ID |  |
| UNIT\_TOUR\_ID | BIGINT | ● |  |  |  | [[UNIT\_TOUR] ID](#CONSTRAINT_8B) |
| TITLE | VARCHAR(100) | ● |  |  |  |  |
| DESCRIPTION | CLOB(2147483647) | ● |  |  |  |  |
| SEQUENCE | INTEGER |  |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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.



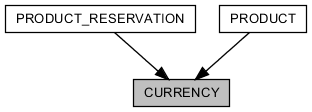
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| COURSE\_ID | BIGINT |  |  |  |  | [[COURSE] ID](#CONSTRAINT_76) |
| PUBLIC\_FILE\_ID | BIGINT |  |  |  |  | [[PUBLIC\_FILE] ID](#CONSTRAINT_4) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



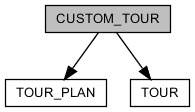
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [PRODUCT] CURRENCY\_ID  [PRODUCT\_RESERVATION] CURRENCY\_ID |  |
| NAME | VARCHAR(2048) |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



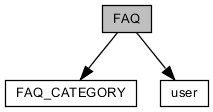
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  |  | [[TOUR] ID](#CONSTRAINT_27) |
| TOUR\_PLAN\_ID | BIGINT | ● |  |  |  | [[TOUR\_PLAN] ID](#CONSTRAINT_D6) |

|  |  |  |
| --- | --- | --- |
| UNIQUE KEY | COLUMNS | DESCRIPTION |
| CONSTRAINT\_182 | ID |  |

|  |  |
| --- | --- |
| COLUMN | DESCRIPTION |
| ID | table identifier |
| TOUR\_PLAN\_ID | reference tour plan |

## FAQ

frequently asked questions



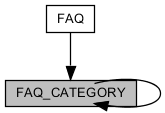
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| USER\_ID | BIGINT |  |  |  |  | [[user] ID](#CONSTRAINT_3) |
| QUESTION | CLOB(2147483647) |  |  |  |  |  |
| ANSWER | CLOB(2147483647) |  |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |
| CATEGORY\_ID | BIGINT | ● |  |  |  | [[FAQ\_CATEGORY] ID](#CONSTRAINT_6A) |

|  |  |  |
| --- | --- | --- |
| 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"



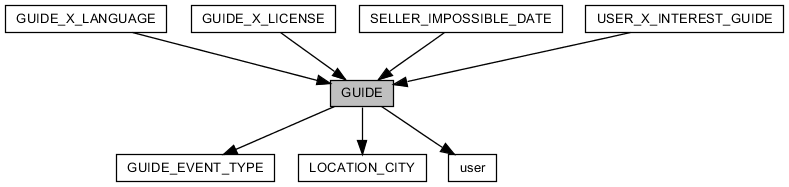
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [FAQ] CATEGORY\_ID  [FAQ\_CATEGORY] REF\_ID |  |
| NAME | VARCHAR(2048) |  |  |  |  |  |
| REF\_ID | BIGINT | ● |  |  |  | [[FAQ\_CATEGORY] ID](#CONSTRAINT_6A) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



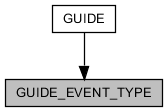
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  | [GUIDE\_X\_LANGUAGE] GUIDE\_ID  [GUIDE\_X\_LICENSE] GUIDE\_ID  [SELLER\_IMPOSSIBLE\_DATE] SELLER\_ID  [USER\_X\_INTEREST\_GUIDE] GUIDE\_ID | [[user] ID](#CONSTRAINT_3) |
| STATUS | ENUM |  |  | ● |  |  |
| GUIDE\_EVENT\_TYPE\_ID | BIGINT | ● |  |  |  | [[GUIDE\_EVENT\_TYPE] ID](#CONSTRAINT_D5) |
| LOGIN\_ID | VARCHAR(100) |  |  |  |  |  |
| LOGIN\_PASSWORD | VARCHAR(100) |  |  |  |  |  |
| EMAIL\_GENERATE\_KEY | VARCHAR(255) |  |  |  |  |  |
| EMAIL\_CERTIFIED\_AT | TIMESTAMP | ● |  |  |  |  |
| SKYPE\_ID | VARCHAR(40) | ● |  |  |  |  |
| RESIDENTIAL\_CITY\_ID | BIGINT |  |  |  |  | [[LOCATION\_CITY] ID](#CONSTRAINT_50) |
| EXPERIENCE | INTEGER | ● |  |  |  |  |
| AGE | INTEGER | ● |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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 |
| 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



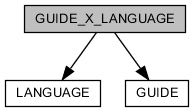
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [GUIDE] GUIDE\_EVENT\_TYPE\_ID |  |
| NAME | VARCHAR(255) |  |  |  |  |  |
| MARKER | VARCHAR(2048) | ● |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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.



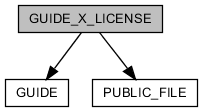
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| GUIDE\_ID | BIGINT |  |  |  |  | [[GUIDE] ID](#CONSTRAINT_41) |
| LANGUAGE\_ID | BIGINT |  |  |  |  | [[LANGUAGE] ID](#CONSTRAINT_C) |

|  |  |  |
| --- | --- | --- |
| 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.



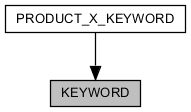
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| GUIDE\_ID | BIGINT |  |  |  |  | [[GUIDE] ID](#CONSTRAINT_41) |
| LICENSE\_PICTURE\_FILE\_ID | BIGINT | ● |  |  |  | [[PUBLIC\_FILE] ID](#CONSTRAINT_4) |
| 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



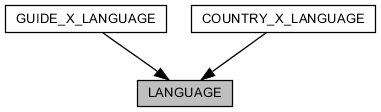
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [PRODUCT\_X\_KEYWORD] KEYWORD\_ID |  |
| NAME | VARCHAR(2048) |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



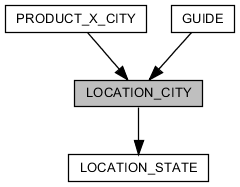
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [COUNTRY\_X\_LANGUAGE] LANGUAGE\_ID  [GUIDE\_X\_LANGUAGE] LANGUAGE\_ID |  |
| NAME | VARCHAR(2048) |  |  |  |  |  |
| SORT\_NAME | VARCHAR(100) |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



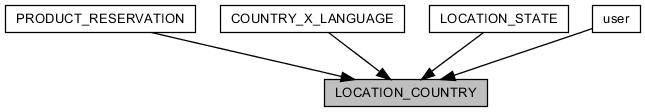
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [GUIDE] RESIDENTIAL\_CITY\_ID  [PRODUCT\_X\_CITY] CITY\_ID |  |
| STATE\_ID | BIGINT |  |  |  |  | [[LOCATION\_STATE] ID](#CONSTRAINT_B) |
| NAME | VARCHAR(100) |  |  |  |  |  |
| LATITUDE | DOUBLE | ● |  |  |  |  |
| LONGITUDE | DOUBLE | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



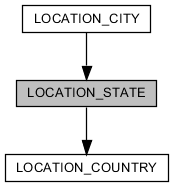
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [COUNTRY\_X\_LANGUAGE] COUNTRY\_ID  [LOCATION\_STATE] COUNTRY\_ID  [PRODUCT\_RESERVATION] MOBILE\_COUNTRY\_ID  [user] MOBILE\_COUNTRY\_ID  [user] NATIONALITY\_ID |  |
| NAME | VARCHAR(100) |  |  |  |  |  |
| SORT\_NAME | VARCHAR(10) |  |  |  |  |  |
| KOREAN\_NAME | VARCHAR(100) | ● |  |  |  |  |
| COUNTRY\_CODE | INTEGER | ● |  |  |  |  |
| LATITUDE | DOUBLE | ● |  |  |  |  |
| LONGITUDE | DOUBLE | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



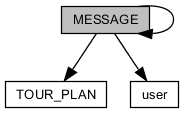
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [LOCATION\_CITY] STATE\_ID |  |
| COUNTRY\_ID | BIGINT |  |  |  |  | [[LOCATION\_COUNTRY] ID](#CONSTRAINT_D) |
| NAME | VARCHAR(100) |  |  |  |  |  |
| LATITUDE | DOUBLE | ● |  |  |  |  |
| LONGITUDE | DOUBLE | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



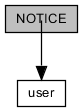
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [MESSAGE] REF\_ID |  |
| REF\_ID | BIGINT | ● |  |  |  | [[MESSAGE] ID](#CONSTRAINT_6) |
| SENDER\_ID | BIGINT |  |  |  |  | [[user] ID](#CONSTRAINT_3) |
| RECEIVER\_ID | BIGINT |  |  |  |  | [[user] ID](#CONSTRAINT_3) |
| MESSAGE\_HEADER | VARCHAR(1024) | ● |  |  |  |  |
| MESSAGE\_BODY | VARCHAR(2048) |  |  |  |  |  |
| MESSAGE\_FOOTER | VARCHAR(1024) | ● |  |  |  |  |
| READ | BOOLEAN |  |  | ● |  |  |
| SENDER\_DELETED | BOOLEAN |  |  | ● |  |  |
| RECEIVER\_DELETED | BOOLEAN |  |  | ● |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |
| TAG | ENUM | ● |  |  |  |  |
| TOUR\_PLAN\_ID | BIGINT | ● |  |  |  | [[TOUR\_PLAN] ID](#CONSTRAINT_D6) |

|  |  |  |
| --- | --- | --- |
| 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



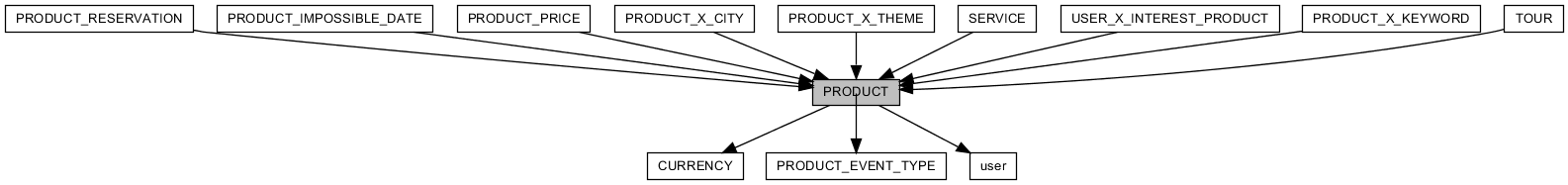
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| USER\_ID | BIGINT |  |  |  |  | [[user] ID](#CONSTRAINT_3) |
| TITLE | CLOB(2147483647) |  |  |  |  |  |
| DESCRIPTION | CLOB(2147483647) |  |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



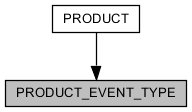
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [PRODUCT\_IMPOSSIBLE\_DATE] PRODUCT\_ID  [PRODUCT\_PRICE] PRODUCT\_ID  [PRODUCT\_RESERVATION] PRODUCT\_ID  [PRODUCT\_X\_CITY] PRODUCT\_ID  [PRODUCT\_X\_KEYWORD] PRODUCT\_ID  [PRODUCT\_X\_THEME] PRODUCT\_ID  [SERVICE] ID  [TOUR] ID  [USER\_X\_INTEREST\_PRODUCT] PRODUCT\_ID |  |
| TITLE | VARCHAR(100) | ● |  |  |  |  |
| STATUS | ENUM | ● |  | ● |  |  |
| PRODUCT\_EVENT\_TYPE\_ID | BIGINT | ● |  |  |  | [[PRODUCT\_EVENT\_TYPE] ID](#CONSTRAINT_49B) |
| SELLER\_ID | BIGINT | ● |  |  |  | [[user] ID](#CONSTRAINT_3) |
| CURRENCY\_ID | BIGINT | ● |  |  |  | [[CURRENCY] ID](#CONSTRAINT_5) |
| IMAGE\_ID | BIGINT | ● |  |  |  |  |
| SUMMARY | CLOB(2147483647) | ● |  |  |  |  |
| DESCRIPTION | CLOB(2147483647) | ● |  |  |  |  |
| INCLUSION | CLOB(2147483647) | ● |  |  |  |  |
| EXCLUSION | CLOB(2147483647) | ● |  |  |  |  |
| ETC | CLOB(2147483647) | ● |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |
| UNLOAD | VARCHAR(1000) | ● |  |  |  |  |
| TYPE | ENUM |  |  | ● |  |  |

|  |  |  |
| --- | --- | --- |
| 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



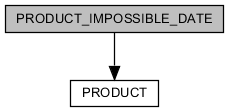
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [PRODUCT] PRODUCT\_EVENT\_TYPE\_ID |  |
| NAME | VARCHAR(255) |  |  |  |  |  |
| DISCOUNT | INTEGER |  |  | ● |  |  |
| MARKER | VARCHAR(2048) | ● |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



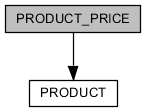
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| PRODUCT\_ID | BIGINT |  | ● |  |  | [[PRODUCT] ID](#CONSTRAINT_18) |
| DATE | DATE |  | ● |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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.



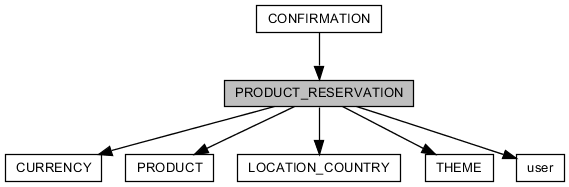
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| PRODUCT\_ID | BIGINT |  |  |  |  | [[PRODUCT] ID](#CONSTRAINT_18) |
| MINIMUM\_PEOPLE | INTEGER | ● |  |  |  |  |
| MAXIMUM\_PEOPLE | INTEGER | ● |  |  |  |  |
| PRICE | DOUBLE | ● |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| UNIQUE KEY | COLUMNS | DESCRIPTION |
| CONSTRAINT\_42 | ID |  |
| PRODUCT\_PRICE\_PRODUCT\_ID\_MINIMUM\_PEOPLE\_MAXIMUM\_PEOPLE\_KEY | 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



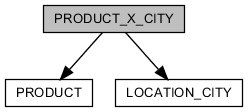
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [CONFIRMATION] ID |  |
| USER\_ID | BIGINT |  |  |  |  | [[user] ID](#CONSTRAINT_3) |
| PRODUCT\_ID | BIGINT |  |  |  |  | [[PRODUCT] ID](#CONSTRAINT_18) |
| CURRENCY\_ID | BIGINT |  |  |  |  | [[CURRENCY] ID](#CONSTRAINT_5) |
| BOOK\_DATE | DATE |  |  |  |  |  |
| NUMBER\_PEOPLE | INTEGER |  |  |  |  |  |
| AGE | ENUM | ● |  |  |  |  |
| PURPOSE\_ID | BIGINT | ● |  |  |  | [[THEME] ID](#CONSTRAINT_4C) |
| REQUEST\_MESSAGE | CLOB(2147483647) | ● |  |  |  |  |
| STATUS | ENUM |  |  | ● |  |  |
| NAME | VARCHAR(100) |  |  |  |  |  |
| ENGLISH\_NAME | VARCHAR(100) |  |  |  |  |  |
| MOBILE\_COUNTRY\_ID | BIGINT |  |  |  |  | [[LOCATION\_COUNTRY] ID](#CONSTRAINT_D) |
| MOBILE | VARCHAR(20) |  |  |  |  |  |
| EMAIL | VARCHAR(100) |  |  |  |  |  |
| PAYOUT\_STATUS | ENUM |  |  | ● |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |
| EVENT\_NAME | VARCHAR(255) | ● |  |  |  |  |
| EVENT\_DISCOUNT | INTEGER |  |  | ● |  |  |
| ORIGINAL\_PRICE | DOUBLE |  |  | ● |  |  |
| FINAL\_PRICE | DOUBLE |  |  | ● |  |  |
| EPILOGUE\_STAR\_POINT | INTEGER | ● |  |  |  |  |
| EPILOGUE\_COMMENT | CLOB(2147483647) | ● |  |  |  |  |
| EPILOGUE\_WROTE\_AT | TIMESTAMP | ● |  |  |  |  |
| EPILOGUE\_REPLY | CLOB(2147483647) | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| UNIQUE KEY | COLUMNS | DESCRIPTION |
| CONSTRAINT\_3F | ID |  |

|  |  |
| --- | --- |
| COLUMN | DESCRIPTION |
| ID | table identifier |
| 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.



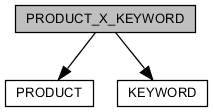
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| PRODUCT\_ID | BIGINT |  |  |  |  | [[PRODUCT] ID](#CONSTRAINT_18) |
| CITY\_ID | BIGINT |  |  |  |  | [[LOCATION\_CITY] ID](#CONSTRAINT_50) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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.



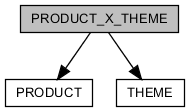
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| PRODUCT\_ID | BIGINT |  |  |  |  | [[PRODUCT] ID](#CONSTRAINT_18) |
| KEYWORD\_ID | BIGINT |  |  |  |  | [[KEYWORD] ID](#CONSTRAINT_F) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



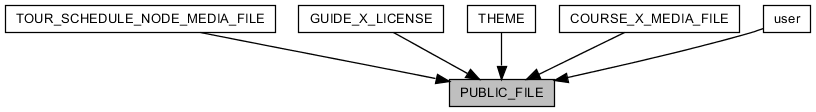
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| PRODUCT\_ID | BIGINT |  |  |  |  | [[PRODUCT] ID](#CONSTRAINT_18) |
| THEME\_ID | BIGINT |  |  |  |  | [[THEME] ID](#CONSTRAINT_4C) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



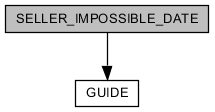
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [GUIDE\_X\_LICENSE] LICENSE\_PICTURE\_FILE\_ID  [COURSE\_X\_MEDIA\_FILE] PUBLIC\_FILE\_ID  [THEME] BACKGROUND\_IMAGE\_ID  [THEME] IMAGE\_ID  [TOUR\_SCHEDULE\_NODE\_MEDIA\_FILE] PUBLIC\_FILE\_ID  [user] PROFILE\_IMAGE\_ID |  |
| ORIGINAL\_NAME | VARCHAR(256) |  |  |  |  |  |
| NAME | VARCHAR(256) |  |  |  |  |  |
| SIZE | BIGINT |  |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



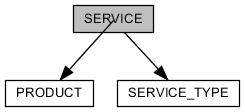
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| SELLER\_ID | BIGINT |  | ● |  |  | [[GUIDE] ID](#CONSTRAINT_41) |
| DATE | DATE |  | ● |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



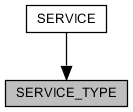
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  |  | [[PRODUCT] ID](#CONSTRAINT_18) |
| SERVICE\_TYPE\_ID | BIGINT |  |  |  |  | [[SERVICE\_TYPE] ID](#CONSTRAINT_A1) |
| TRANSPORTATION\_TYPE | ENUM | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



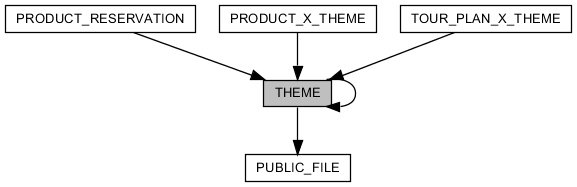
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [SERVICE] SERVICE\_TYPE\_ID |  |
| NAME | VARCHAR(2048) |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



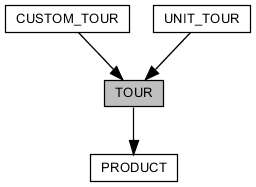
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [PRODUCT\_RESERVATION] PURPOSE\_ID  [PRODUCT\_X\_THEME] THEME\_ID  [THEME] REF\_ID  [TOUR\_PLAN\_X\_THEME] THEME\_ID |  |
| NAME | VARCHAR(2048) |  |  |  |  |  |
| REF\_ID | BIGINT | ● |  |  |  | [[THEME] ID](#CONSTRAINT_4C) |
| TREND | BOOLEAN |  |  | ● |  |  |
| IMAGE\_ID | BIGINT | ● |  |  |  | [[PUBLIC\_FILE] ID](#CONSTRAINT_4) |
| BACKGROUND\_IMAGE\_ID | BIGINT | ● |  |  |  | [[PUBLIC\_FILE] ID](#CONSTRAINT_4) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



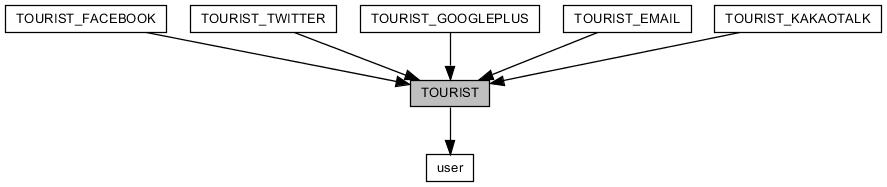
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  | [CUSTOM\_TOUR] ID  [UNIT\_TOUR] ID | [[PRODUCT] ID](#CONSTRAINT_18) |
| TYPE | ENUM |  |  |  |  |  |
| ADJUSTABLE\_TIME | BOOLEAN | ● |  | ● |  |  |
| MUST\_INQUIRE | BOOLEAN | ● |  | ● |  |  |
| TOUR\_SCALE | ENUM | ● |  |  |  |  |
| DUE\_DATE\_TYPE | ENUM | ● |  |  |  |  |
| DUE\_DATE | DOUBLE | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



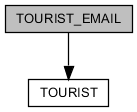
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  | [TOURIST\_EMAIL] ID  [TOURIST\_FACEBOOK] ID  [TOURIST\_GOOGLEPLUS] ID  [TOURIST\_KAKAOTALK] ID  [TOURIST\_TWITTER] ID | [[user] ID](#CONSTRAINT_3) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



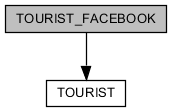
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  |  | [[TOURIST] ID](#CONSTRAINT_E) |
| EMAIL | VARCHAR(100) |  |  |  |  |  |
| PASSWORD | VARCHAR(100) |  |  |  |  |  |
| GENERATE\_KEY | VARCHAR(255) |  |  |  |  |  |
| CERTIFIED\_AT | TIMESTAMP | ● |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



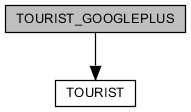
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  |  | [[TOURIST] ID](#CONSTRAINT_E) |
| SOCIAL\_ID | VARCHAR(255) |  |  |  |  |  |
| FIRST\_NAME | VARCHAR(100) | ● |  |  |  |  |
| MIDDLE\_NAME | VARCHAR(100) | ● |  |  |  |  |
| LAST\_NAME | VARCHAR(100) | ● |  |  |  |  |
| EMAIL | VARCHAR(255) | ● |  |  |  |  |
| GENDER | ENUM | ● |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



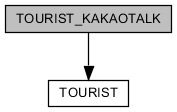
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  |  | [[TOURIST] ID](#CONSTRAINT_E) |
| SOCIAL\_ID | VARCHAR(255) |  |  |  |  |  |
| FULL\_NAME | VARCHAR(255) | ● |  |  |  |  |
| FIRST\_NAME | VARCHAR(100) | ● |  |  |  |  |
| LAST\_NAME | VARCHAR(100) | ● |  |  |  |  |
| EMAIL | VARCHAR(255) | ● |  |  |  |  |
| GENDER | ENUM | ● |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



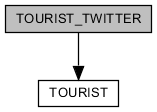
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  |  | [[TOURIST] ID](#CONSTRAINT_E) |
| SOCIAL\_ID | VARCHAR(255) |  |  |  |  |  |
| NICKNAME | VARCHAR(255) |  |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



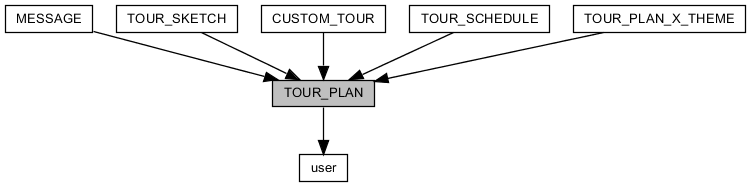
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  |  | [[TOURIST] ID](#CONSTRAINT_E) |
| SOCIAL\_ID | VARCHAR(255) |  |  |  |  |  |
| SCREEN\_NAME | VARCHAR(255) |  |  |  |  |  |
| NAME | VARCHAR(255) | ● |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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.



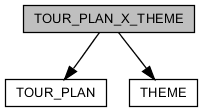
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [CUSTOM\_TOUR] TOUR\_PLAN\_ID  [MESSAGE] TOUR\_PLAN\_ID  [TOUR\_PLAN\_X\_THEME] TOUR\_PLAN\_ID  [TOUR\_SCHEDULE] TOUR\_PLAN\_ID  [TOUR\_SKETCH] ID |  |
| USER\_ID | BIGINT |  |  |  |  | [[user] ID](#CONSTRAINT_3) |
| TITLE | VARCHAR(200) |  |  |  |  |  |
| DESCRIPTION | CLOB(2147483647) | ● |  |  |  |  |
| START\_AT | DATE | ● |  |  |  |  |
| END\_AT | DATE | ● |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



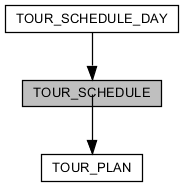
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| TOUR\_PLAN\_ID | BIGINT |  |  |  |  | [[TOUR\_PLAN] ID](#CONSTRAINT_D6) |
| THEME\_ID | BIGINT |  |  |  |  | [[THEME] ID](#CONSTRAINT_4C) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| UNIQUE KEY | COLUMNS | DESCRIPTION |
| CONSTRAINT\_F6 | ID |  |
| TOUR\_PLAN\_X\_THEME\_TOUR\_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



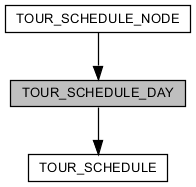
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [TOUR\_SCHEDULE\_DAY] TOUR\_SCHEDULE\_ID |  |
| TOUR\_PLAN\_ID | BIGINT |  |  |  |  | [[TOUR\_PLAN] ID](#CONSTRAINT_D6) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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.



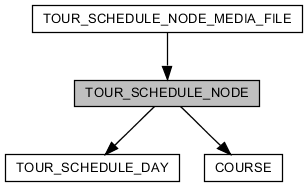
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [TOUR\_SCHEDULE\_NODE] TOUR\_SCHEDULE\_DAY\_ID |  |
| TOUR\_SCHEDULE\_ID | BIGINT |  |  |  |  | [[TOUR\_SCHEDULE] ID](#CONSTRAINT_5C) |
| SEQUENCE | INTEGER |  |  |  |  |  |
| TITLE | VARCHAR(100) | ● |  |  |  |  |
| DESCRIPTION | CLOB(2147483647) | ● |  |  |  |  |
| TRANSPORTATION\_TYPE | ENUM | ● |  | ● |  |  |
| MEETING\_TIME | VARCHAR(100) | ● |  |  |  |  |
| MEETING\_LOCATION\_NAME | VARCHAR(50) | ● |  |  |  |  |
| MEETING\_LOCATION\_MAP\_ZOOM | INTEGER | ● |  | ● |  |  |
| MEETING\_LOCATION\_LATITUDE | DOUBLE | ● |  |  |  |  |
| MEETING\_LOCATION\_LONGITUDE | DOUBLE | ● |  |  |  |  |
| MEETING\_LOCATION\_DESCRIPTION | CLOB(2147483647) | ● |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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 |
| 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.



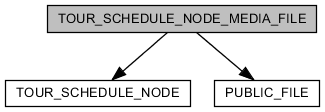
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [TOUR\_SCHEDULE\_NODE\_MEDIA\_FILE] TOUR\_SCHEDULE\_NODE\_ID |  |
| TOUR\_SCHEDULE\_DAY\_ID | BIGINT |  |  |  |  | [[TOUR\_SCHEDULE\_DAY] ID](#CONSTRAINT_94) |
| COURSE\_ID | BIGINT | ● |  |  |  | [[COURSE] ID](#CONSTRAINT_76) |
| START | INTEGER |  |  |  |  |  |
| SIZE | INTEGER |  |  |  |  |  |
| TITLE | VARCHAR(100) |  |  |  |  |  |
| DESCRIPTION | CLOB(2147483647) | ● |  |  |  |  |
| LATITUDE | DOUBLE | ● |  |  |  |  |
| LONGITUDE | DOUBLE | ● |  |  |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



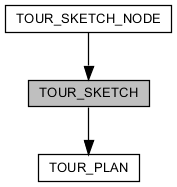
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| TOUR\_SCHEDULE\_NODE\_ID | BIGINT |  |  |  |  | [[TOUR\_SCHEDULE\_NODE] ID](#CONSTRAINT_2C) |
| PUBLIC\_FILE\_ID | BIGINT |  |  |  |  | [[PUBLIC\_FILE] ID](#CONSTRAINT_4) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



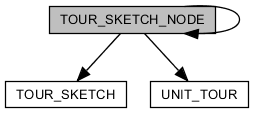
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  | [TOUR\_SKETCH\_NODE] TOUR\_SKETCH\_ID | [[TOUR\_PLAN] ID](#CONSTRAINT_D6) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



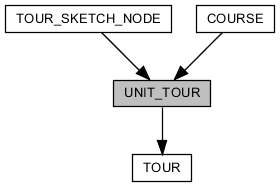
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● | [TOUR\_SKETCH\_NODE] REF\_ID |  |
| TOUR\_SKETCH\_ID | BIGINT |  |  |  |  | [[TOUR\_SKETCH] ID](#CONSTRAINT_F1) |
| SEQUENCE | DOUBLE |  |  |  |  |  |
| NAME | VARCHAR(200) |  |  |  |  |  |
| REF\_ID | BIGINT | ● |  |  |  | [[TOUR\_SKETCH\_NODE] ID](#CONSTRAINT_3A) |
| TYPE | ENUM |  |  |  |  |  |
| UNIT\_TOUR\_ID | BIGINT | ● |  |  |  | [[UNIT\_TOUR] ID](#CONSTRAINT_8B) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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



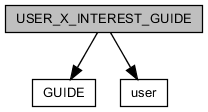
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● |  | [COURSE] UNIT\_TOUR\_ID  [TOUR\_SKETCH\_NODE] UNIT\_TOUR\_ID | [[TOUR] ID](#CONSTRAINT_27) |
| TRANSPORTATION\_TYPE | ENUM | ● |  |  |  |  |
| MEETING\_TIME | VARCHAR(100) | ● |  |  |  |  |
| MEETING\_LOCATION\_NAME | VARCHAR(50) | ● |  |  |  |  |
| MEETING\_LOCATION\_MAP\_ZOOM | INTEGER | ● |  | ● |  |  |
| MEETING\_LOCATION\_LATITUDE | DOUBLE | ● |  |  |  |  |
| MEETING\_LOCATION\_LONGITUDE | DOUBLE | ● |  |  |  |  |
| MEETING\_LOCATION\_DESCRIPTION | CLOB(2147483647) | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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.



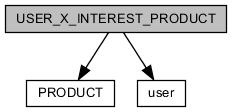
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| USER\_ID | BIGINT |  |  |  |  | [[user] ID](#CONSTRAINT_3) |
| GUIDE\_ID | BIGINT |  |  |  |  | [[GUIDE] ID](#CONSTRAINT_41) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| UNIQUE KEY | COLUMNS | DESCRIPTION |
| CONSTRAINT\_2 | ID |  |
| USER\_X\_INTEREST\_GUIDE\_USER\_ID\_GUIDE\_ID\_KEY | 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.

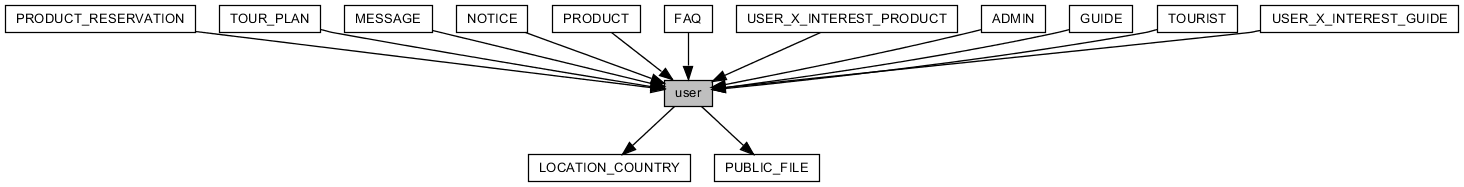


|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| COLUMN | TYPE | NULLABLE | PKEY | DEFAULTED | REFERRED | REFER |
| ID | BIGINT |  | ● | ● |  |  |
| USER\_ID | BIGINT |  |  |  |  | [[user] ID](#CONSTRAINT_3) |
| PRODUCT\_ID | BIGINT |  |  |  |  | [[PRODUCT] ID](#CONSTRAINT_18) |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| UNIQUE KEY | COLUMNS | DESCRIPTION |
| CONSTRAINT\_DB | ID |  |
| USER\_X\_INTEREST\_PRODUCT\_USER\_ID\_PRODUCT\_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 |  | ● | ● | [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) | ● |  |  |  |  |
| FIRST\_NAME | VARCHAR(100) | ● |  |  |  |  |
| MIDDLE\_NAME | VARCHAR(100) | ● |  |  |  |  |
| LAST\_NAME | VARCHAR(100) | ● |  |  |  |  |
| PROFILE\_IMAGE\_ID | BIGINT | ● |  |  |  | [[PUBLIC\_FILE] ID](#CONSTRAINT_4) |
| PROFILE\_DESCRIPTION | CLOB(2147483647) | ● |  |  |  |  |
| GENDER | ENUM | ● |  |  |  |  |
| MOBILE\_COUNTRY\_ID | BIGINT | ● |  |  |  | [[LOCATION\_COUNTRY] ID](#CONSTRAINT_D) |
| MOBILE | VARCHAR(20) | ● |  |  |  |  |
| NATIONALITY\_ID | BIGINT | ● |  |  |  | [[LOCATION\_COUNTRY] ID](#CONSTRAINT_D) |
| ACCOUNT\_STATUS | ENUM |  |  | ● |  |  |
| CREATED\_AT | TIMESTAMP |  |  | ● |  |  |
| UPDATED\_AT | TIMESTAMP | ● |  |  |  |  |
| DELETED\_AT | TIMESTAMP | ● |  |  |  |  |
| AGREE\_RECEIVE | BOOLEAN |  |  | ● |  |  |
| LOCALE | VARCHAR(16) | ● |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| 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 |  |