

User

id

pwd NOT NULL

affiliation

join_date

PRIMARY KEY (id)

FRIENDS

date NOT NULL

friend_1 UNIQUE

friend_2 UNIQUE

PRIMARY KEY (friend_1, friend_2)

FOREIGN KEY (friend_1) REFERENCES User(id)

FOREIGN KEY (friend_2) REFERENCES User(id)

DREAMS

date NOT NULL

rank

dreamer

location

PRIMARY KEY (dreamer, location)

FOREIGN KEY (dreamer) REFERENCES User(id)

FOREIGN KEY (location) REFERENCES Location(id)

PARTICIPATE_TRIP

accepted NOT NULL

invited_by NOT NULL

invitee

trip

PRIMARY KEY (invitee, trip)

FOREIGN KEY (trip) REFERENCES Trip(id)

FOREIGN KEY (invitee) REFERENCES User(id)

FOREIGN KEY (invited_by) REFERENCES User(id)

TRIP_TO

location

trip

PRIMARY KEY (location, trip)

FOREIGN KEY (location) REFERENCES Location(id)

FOREIGN KEY (trip) REFERENCES Trip(id)

RATE_MEDIA

rating NOT NULL

rater

media

PRIMARY KEY (rater, media)

FOREIGN KEY (rater) REFERENCES User(id)

FOREIGN KEY (media) REFERENCES Media(id)

COMMENT_MEDIA

comment NOT NULL

commenter

media

PRIMARY KEY (commenter, media)

FOREIGN KEY (commenter) REFERENCES User(id)

FOREIGN KEY (media) REFERENCES Media(id)

RATE_TRIP

rating NOT NULL

rater

trip

PRIMARY KEY (rater, trip)

FOREIGN KEY (rater) REFERENCES User(id)

FOREIGN KEY (trip) REFERENCES Trip(id)

COMMENT_TRIP

comment NOT NULL

commenter

trip

PRIMARY KEY (commenter, trip)

FOREIGN KEY (commenter) REFERENCES User(id)

FOREIGN KEY (trip) REFERENCES Trip(id)

FOR_TRIP

trip

list

PRIMARY KEY (trip, list)

FOREIGN KEY (trip) REFERENCES Trip(id)

FOREIGN KEY (list) REFERENCES List(id)

Location

name PRIMARY KEY

Item

name PRIMARY KEY

Item_List

id PRIMARY KEY

owner

FOREIGN KEY (owner) REFERENCES User(id)

IN_LIST

item

list

PRIMARY KEY (item, list)

FOREIGN KEY (item) REFERENCES Item(name)

FOREIGN KEY (list) REFERENCES Item_List(id)

IN_ABLUM

media

album

PRIMARY KEY (media, album)

FOREIGN KEY (media) REFERENCES Media(id)

FOREIGN KEY (album) REFERENCES Album(id)

Trip

id PRIMARY KEY

owner

start_date NOT NULL

end_date NOT NULL

FOREIGN KEY (owner) REFERENCES User(id)

Album

id PRIMARY KEY

trip

owner

name NOT NULL

start_date

end_date

FOREIGN KEY (trip) REFERENCES Trip(id)

FOREIGN KEY (owner) REFERENCES User(id)

Media

id PRIMARY KEY

owner

upload_date NOT NULL

is_video NOT NULL

FOREIGN KEY (owner) REFERENCES User(id)