

## Tables (9)

Name	Type	Schema
<b>games</b>		CREATE TABLE games ( game_id INTEGER PRIMARY KEY, user_id INTEGER NOT NULL, location TEXT NOT NULL, timestamp INTEGER NOT NULL, FOREIGN KEY(user_id) REFERENCES users(user_id) ON DELETE CASCADE ON UPDATE CASCADE )
game_id	INTEGER	"game_id" INTEGER
user_id	INTEGER	"user_id" INTEGER NOT NULL
location	TEXT	"location" TEXT NOT NULL
timestamp	INTEGER	"timestamp" INTEGER NOT NULL
<b>guesses</b>		CREATE TABLE guesses ( round_id INTEGER NOT NULL, game_id INTEGER NOT NULL, latitude REAL NOT NULL, longitude REAL NOT NULL, score INTEGER NOT NULL, PRIMARY KEY (round_id, game_id), FOREIGN KEY(round_id, game_id) REFERENCES rounds(round_id, game_id) ON DELETE CASCADE ON UPDATE CASCADE )
round_id	INTEGER	"round_id" INTEGER NOT NULL
game_id	INTEGER	"game_id" INTEGER NOT NULL
latitude	REAL	"latitude" REAL NOT NULL
longitude	REAL	"longitude" REAL NOT NULL
score	INTEGER	"score" INTEGER NOT NULL
<b>photo_acceptances</b>		CREATE TABLE photo_acceptances ( photo_id INTEGER PRIMARY KEY, acceptor_id INTEGER NOT NULL, acceptance_time INTEGER NOT NULL, FOREIGN KEY(photo_id) REFERENCES photos(photo_id) ON DELETE CASCADE ON UPDATE CASCADE, FOREIGN KEY(acceptor_id) REFERENCES users(user_id) ON DELETE CASCADE ON UPDATE CASCADE )
photo_id	INTEGER	"photo_id" INTEGER
acceptor_id	INTEGER	"acceptor_id" INTEGER NOT NULL
acceptance_time	INTEGER	"acceptance_time" INTEGER NOT NULL
<b>photos</b>		CREATE TABLE "photos" ( photo_id INTEGER PRIMARY KEY, path TEXT NOT NULL UNIQUE, latitude REAL NOT NULL, longitude REAL NOT NULL, location STRING NOT NULL, uploader_id INTEGER NOT NULL, upload_time INTEGER NOT NULL, FOREIGN KEY(uploader_id) REFERENCES users(user_id) ON DELETE CASCADE ON UPDATE CASCADE )
photo_id	INTEGER	"photo_id" INTEGER
path	TEXT	"path" TEXT NOT NULL UNIQUE
latitude	REAL	"latitude" REAL NOT NULL
longitude	REAL	"longitude" REAL NOT NULL
location	STRING	"location" STRING NOT NULL
uploader_id	INTEGER	"uploader_id" INTEGER NOT NULL
upload_time	INTEGER	"upload_time" INTEGER NOT NULL
		CREATE TABLE reports ( report_id INTEGER PRIMARY

Name	Type	Schema
<b>reports</b>		KEY, user_id INTEGER NOT NULL, report_text TEXT NOT NULL, photo_id INTEGER NOT NULL, FOREIGN KEY(user_id) REFERENCES users(user_id) ON UPDATE CASCADE FOREIGN KEY(photo_id) REFERENCES photos(photo_id) ON DELETE CASCADE ON UPDATE CASCADE )
report_id	INTEGER	"report_id" INTEGER
user_id	INTEGER	"user_id" INTEGER NOT NULL
report_text	TEXT	"report_text" TEXT NOT NULL
photo_id	INTEGER	"photo_id" INTEGER NOT NULL
<b>rounds</b>		CREATE TABLE rounds ( round_id INTEGER NOT NULL, game_id INTEGER NOT NULL, photo_id INTEGER NOT NULL, duration INTEGER NOT NULL, PRIMARY KEY (round_id, game_id), FOREIGN KEY(game_id) REFERENCES games(game_id) ON DELETE CASCADE ON UPDATE CASCADE, FOREIGN KEY(photo_id) REFERENCES photos(photo_id) ON DELETE CASCADE ON UPDATE CASCADE )
round_id	INTEGER	"round_id" INTEGER NOT NULL
game_id	INTEGER	"game_id" INTEGER NOT NULL
photo_id	INTEGER	"photo_id" INTEGER NOT NULL
duration	INTEGER	"duration" INTEGER NOT NULL
<b>statistic</b>		CREATE TABLE statistic ( timestamp INTEGER NOT NULL, user_id INTEGER, device TEXT NOT NULL, referrer TEXT NOT NULL, FOREIGN KEY(user_id) REFERENCES users(user_id) ON UPDATE CASCADE ON DELETE SET NULL )
timestamp	INTEGER	"timestamp" INTEGER NOT NULL
user_id	INTEGER	"user_id" INTEGER
device	TEXT	"device" TEXT NOT NULL
referrer	TEXT	"referrer" TEXT NOT NULL
<b>timing</b>		CREATE TABLE timing ( round_id INTEGER NOT NULL, game_id INTEGER NOT NULL, start_time INTEGER NOT NULL, PRIMARY KEY (round_id, game_id), FOREIGN KEY(round_id, game_id) REFERENCES rounds(round_id, game_id) ON DELETE CASCADE ON UPDATE CASCADE )
round_id	INTEGER	"round_id" INTEGER NOT NULL
game_id	INTEGER	"game_id" INTEGER NOT NULL
start_time	INTEGER	"start_time" INTEGER NOT NULL
<b>users</b>		CREATE TABLE users ( user_id INTEGER PRIMARY KEY, username TEXT NOT NULL UNIQUE, password_hash TEXT NOT NULL, sign_up_time INTEGER NOT NULL, is_admin INTEGER NOT NULL DEFAULT FALSE, is_trusted INTEGER NOT NULL DEFAULT FALSE, is_deactivated INTEGER NOT NULL DEFAULT FALSE )
user_id	INTEGER	"user_id" INTEGER
username	TEXT	"username" TEXT NOT NULL UNIQUE
password_hash	TEXT	"password_hash" TEXT NOT NULL

Name	Type	Schema
sign_up_time	INTEGER	"sign_up_time" INTEGER NOT NULL
is_admin	INTEGER	"is_admin" INTEGER NOT NULL DEFAULT FALSE
is_trusted	INTEGER	"is_trusted" INTEGER NOT NULL DEFAULT FALSE
is_deactivated	INTEGER	"is_deactivated" INTEGER NOT NULL DEFAULT FALSE

## Indices (0)

Name	Type	Schema
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## Views (6)

Name	Type	Schema
<b>finished_rounds</b>		CREATE VIEW finished_rounds AS SELECT r.round_id, r.game_id, r.photo_id, r.duration, r.score, FALSE AS has_timed_out FROM guessed_rounds r UNION SELECT r.round_id, r.game_id, r.photo_id, r.duration, 0 AS score, TRUE AS has_timed_out FROM timed_out_rounds r
round_id	INTEGER	"round_id" INTEGER
game_id	INTEGER	"game_id" INTEGER
photo_id	INTEGER	"photo_id" INTEGER
duration	INTEGER	"duration" INTEGER
score	INTEGER	"score" INTEGER
has_timed_out		"has_timed_out"
<b>guessed_rounds</b>		CREATE VIEW guessed_rounds AS SELECT * FROM rounds JOIN guesses USING (round_id, game_id)
round_id	INTEGER	"round_id" INTEGER
game_id	INTEGER	"game_id" INTEGER
photo_id	INTEGER	"photo_id" INTEGER
duration	INTEGER	"duration" INTEGER
latitude	REAL	"latitude" REAL
longitude	REAL	"longitude" REAL
score	INTEGER	"score" INTEGER
<b>photos_with_acceptance</b>		CREATE VIEW photos_with_acceptance AS SELECT p.*, CASE WHEN pa.photo_id IS NOT NULL THEN 1 ELSE 0 END AS is_accepted FROM photos p LEFT JOIN photo_acceptances pa ON p.photo_id=pa.photo_id
photo_id	INTEGER	"photo_id" INTEGER
path	TEXT	"path" TEXT
latitude	REAL	"latitude" REAL
longitude	REAL	"longitude" REAL
location	STRING	"location" STRING
uploader_id	INTEGER	"uploader_id" INTEGER

Name	Type	Schema
upload_time	INTEGER	"upload_time" INTEGER
is_accepted		"is_accepted"
<b>started_rounds</b>		CREATE VIEW started_rounds AS SELECT * FROM rounds r JOIN timing t USING (round_id, game_id)
round_id	INTEGER	"round_id" INTEGER
game_id	INTEGER	"game_id" INTEGER
photo_id	INTEGER	"photo_id" INTEGER
duration	INTEGER	"duration" INTEGER
start_time	INTEGER	"start_time" INTEGER
<b>timed_out_rounds</b>		CREATE VIEW timed_out_rounds AS SELECT s.* FROM started_rounds s LEFT JOIN guesses g USING (round_id, game_id) WHERE g.round_id IS NULL AND (start_time + duration) <= CAST(strftime('%s', 'now') AS INTEGER)
round_id	INTEGER	"round_id" INTEGER
game_id	INTEGER	"game_id" INTEGER
photo_id	INTEGER	"photo_id" INTEGER
duration	INTEGER	"duration" INTEGER
start_time	INTEGER	"start_time" INTEGER
<b>unfinished_rounds</b>		CREATE VIEW unfinished_rounds AS SELECT r.* FROM rounds r LEFT JOIN finished_rounds f USING (round_id, game_id) WHERE f.round_id IS NULL
round_id	INTEGER	"round_id" INTEGER
game_id	INTEGER	"game_id" INTEGER
photo_id	INTEGER	"photo_id" INTEGER
duration	INTEGER	"duration" INTEGER

## Triggers (0)

Name	Type	Schema
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