Table Name	Attribute	Data type	Constraints	Description
users	username	varchar(32)	primary key, unique, not null	unique username of each user
	password_hash	varchar(128)	not null	hash of username+password
	first_name	varchar(32)	not null	first name of user
	last_name	varchar(32)		last name of user
	bio	varchar(250)		user's short biography
	photo_id	int	references photos.photo_id, unique	reference id of photo of user (display picture)
posts	post_id	int	primary key, unique, not null, autoincrement	unique id of each post
	author_username	varchar(32)	references users.username	username of user who posted the post
	content	varchar(250)	not null	text part of post
	time	datetime	not null	time of posting
	photo_id	int	references photos.photo_id	photo of post (if any)
follows	from_username	varchar(32)	primary key, not null, unique, references user.username	username of person who follows
	to_username	varchar(32)		username of person whom he follows
	since	date	not null	time from when he follows
comments	comment_id	int	primary key, unique, not null, autoincrement	unique id of each comment
	author_username	varchar(32)	references users.username, not null	username of user who posted this comment
	post_id	int	references posts.post_id, not null	unique id of post to which comment belongs
	content	varchar(250)	not null	text content of comment
	time	datetime	not null	time of posting of comment
messages	message_id	int	primary key, unique, not null, autoincrement	unique id of each chat
	from_username	varchar(32)	references users.username, not null	username of user who sends message
	to_username	varchar(32)	references users.username, not null	username of user who recieve message
	content	varchar(250)	not null	text content of message
	time	datetime	not null	date of message sent
likes_posts	like_id	int	primary key, unique, not null, autoincrement	unique id of the like
	from_author	varchar(32)	references users.username	username of user who liked the post
	post_id	int	references posts.posts_id	unique id of the post liked
dislikes_posts	dislike_id	int	primary key, unique, not null, autoincrement	unique id of the dislike
	from_author	varchar(32)	references users.username	username of user who disliked the post
	post_id	int	references posts.posts_id	unique id of the post disliked
likes_comments	like_id	int	primary key, unique, not null, autoincrement	unique id of the like
	from_author	varchar(32)	references users.username	username of user who liked the comment
	comment_id	int	references comments. comment_id	unique id of the comment liked
dislikes_comments	dislike_id	int	primary key, unique, not null, autoincrement	unique id of the dislike
	from_author	varchar(32)	references users.username	username of user who disliked the comment
	comment_id	int	references comments. comment_id	unique id of the comment disliked
photos	photo_id	int	primary key, unique, not null, autoincrement	unique id of each photo stored in database
	photo_blob	blob	not null	binary large object storing photo data
donations	donation_id	int	primary key, unique, not null, autoincrement	unique id of each donation transaction
	from_username	varchar(32)	references users.username	username of user who donated
	time	datetime	not null	time of transaction
	amount	numeric(10,2)	not null	amount of money donated