Astron-DB-v0.5

24-11-2022 @ DbSchema

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3. Posts . . . 10
4. Groups . . . 14
5. Courses . . . 18
6. Comments . . . 23

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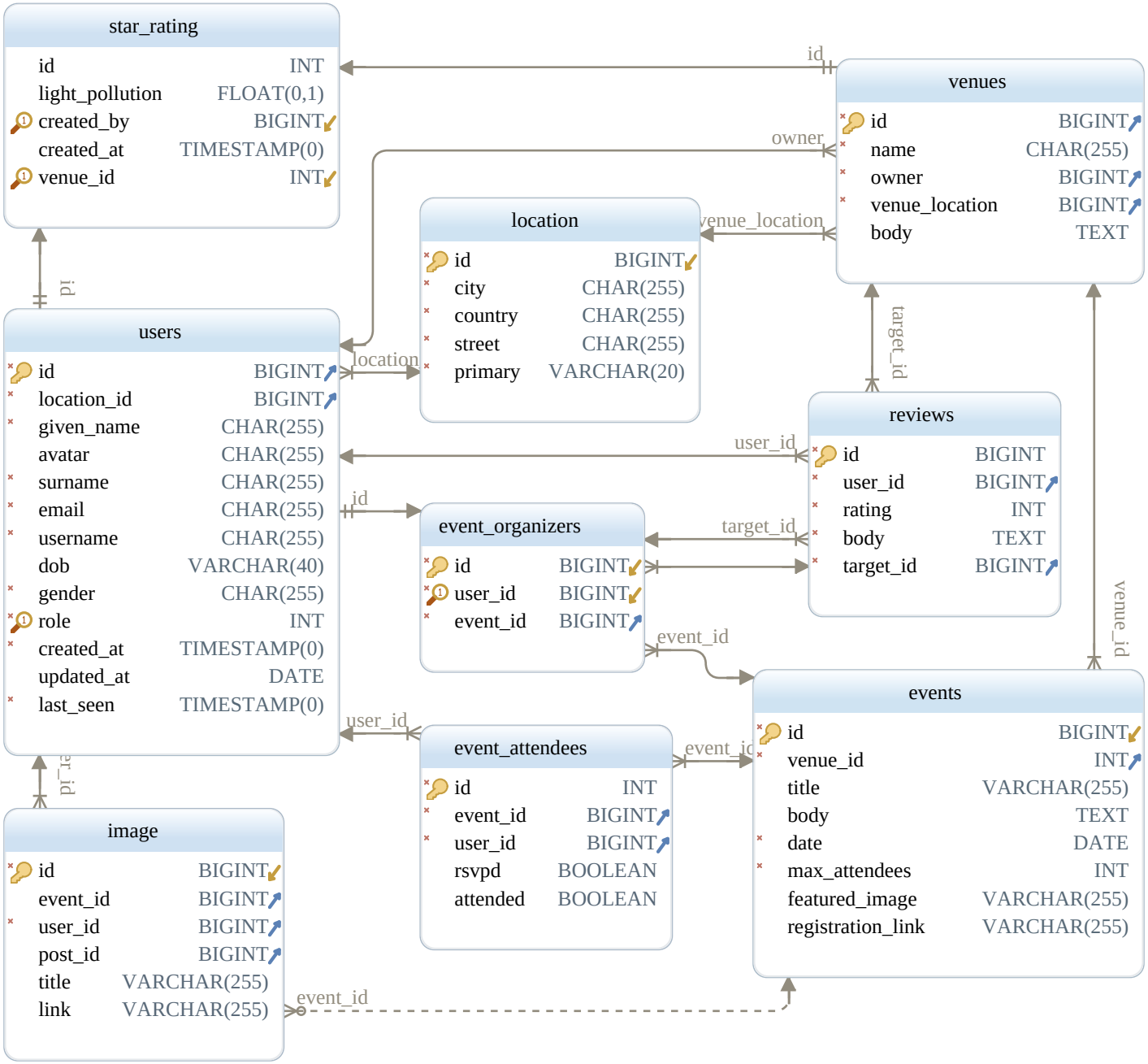

star_rating
id INT
light_pollution FLOAT(0,1)
created_by BIGINT
created_at TIMESTAMP(0)
venue_id INT
venues
id BIGINT
name CHAR(255)
owner BIGINT
venue_location BIGINT
body TEXT
location
id BIGINT
city CHAR(255)
country CHAR(255)
street CHAR(255)
primary VARCHAR(20)
users
id BIGINT
location_id BIGINT
given_name CHAR(255)
avatar CHAR(255)
surname CHAR(255)
email CHAR(255)
username CHAR(255)
dob VARCHAR(40)
gender CHAR(255)
role INT
created_at TIMESTAMP(0)
updated_at DATE
last_seen TIMESTAMP(0)
reviews
id BIGINT
user_id BIGINT
rating INT
body TEXT
target_id BIGINT
event_organizers
id BIGINT
user_id BIGINT
event_id BIGINT
events
id BIGINT
venue_id INT
title VARCHAR(255)
body TEXT
date DATE
max_attendees INT
featured_image VARCHAR(255)
registration_link VARCHAR(255)
event_attendees
id INT
event_id BIGINT
user_id BIGINT
rsvpd BOOLEAN
attended BOOLEAN
image
id BIGINT
event_id BIGINT
user_id BIGINT
post_id BIGINT
title VARCHAR(255)
link VARCHAR(255)
id
owner
venue_location
location
target_id
user_id
id
target_id
event_id
venue_id
user_id
event_id
event_id

Events

Table event_attendees

* Pk	id	INT
*	event_id	BIGINT
*	user_id	BIGINT
	rsvpd	BOOLEAN
	attended	BOOLEAN
Indexes		
Pk	pk_event_attendees	id
Foreign Keys		
	fk_event_attendees (event_id) ref events (id)	
	fk_event_attendees_user (user_id) ref users (id)	
Options		
engine=InnoDB		

Table event_organizers

* Pk	id	BIGINT
* Unq	user_id	BIGINT
*	event_id	BIGINT
Indexes		
Pk	pk_event_organizers	id
Unq	unq_event_organizers_user_id	user_id
Foreign Keys		
	fk_organizers_event (event_id) ref events (id)	
	fk_event_organizer_review ( ) ref reviews ( )	
Options		
engine=InnoDB		

Table events

* Pk	id	BIGINT
*	venue_id	INT
	title	VARCHAR(255)
	body	TEXT
*	date	DATE
*	max_attendees	INT
	featured_image	VARCHAR(255)
	registration_link	VARCHAR(255)
Indexes		
Pk	pk_events	id
Foreign Keys		
	fk_event_venue (venue_id) ref venues (id)	

Table image

* Pk	id	BIGINT
	event_id	BIGINT
*	user_id	BIGINT
	post_id	BIGINT

Table image

	title	VARCHAR(255)
	link	VARCHAR(255)
Indexes		
Pk	pk_image	id
Foreign Keys		
	fk_image_event (event_id) ref events (id)	
	fk_image_users (user_id) ref users (id)	
	fk_post_image (post_id) ref posts (id)	
Options		
engine=InnoDB		

Table location

* Pk	id	BIGINT
*	city	CHAR(255)
*	country	CHAR(255)
*	street	CHAR(255)
*	primary	VARCHAR(20)
Indexes		
Pk	pk_location	id

Table reviews

* Pk	id	BIGINT
*	user_id	BIGINT
*	rating	INT
*	body	TEXT
*	target_id	BIGINT
Indexes		
Pk	pk_reviews	id
Foreign Keys		
	reviews_user_id_foreign (user_id) ref users (id)	
	fk_course_review (target_id) ref courses (id)	
	fk_reviews_event_organizers (target_id) ref event_organizers (id)	
	fk_venue_reviews (target_id) ref venues (id)	

Table star_rating

	id	INT
	light_pollution	FLOAT(0,1)
Unq	created_by	BIGINT
	created_at	TIMESTAMP(0)
Unq	venue_id	INT
Indexes		
Unq	unq_star_rating_created_by	created_by
Unq	unq_star_rating_venue_id	venue_id
Options		
engine=InnoDB		

Table users

* Pk	id	BIGINT
*	location_id	BIGINT
*	given_name	CHAR(255)
	avatar	CHAR(255)
*	surname	CHAR(255)
*	email	CHAR(255)
*	username	CHAR(255)
	dob	VARCHAR(40)
*	gender	CHAR(255)
* Unq	role	INT
*	created_at	TIMESTAMP(0)
	updated_at	DATE
*	last_seen	TIMESTAMP(0)

Indexes

Pk	pk_users	id
Unq	unq_users_role	role

Foreign Keys

	users_location_id_foreign (location_id) ref location (id)
	fk_users_teachers (id) ref teachers (user_id)
	fk_users_students (id) ref students (user_id)
	fk_star_rating_owner (id) ref star_rating (created_by)
	fk_users_info (id) ref user_info (user_id)
	fk_user_expertise (id) ref user_expertise (user_id)
	fk_user_events (id) ref event_organizers (user_id)
	fk_group_created_by (id) ref groups (created_by)
	fk_group_updated_by (id) ref groups (updated_by)
	fk_users_roles (id) ref user_roles (user_id)

Table venues

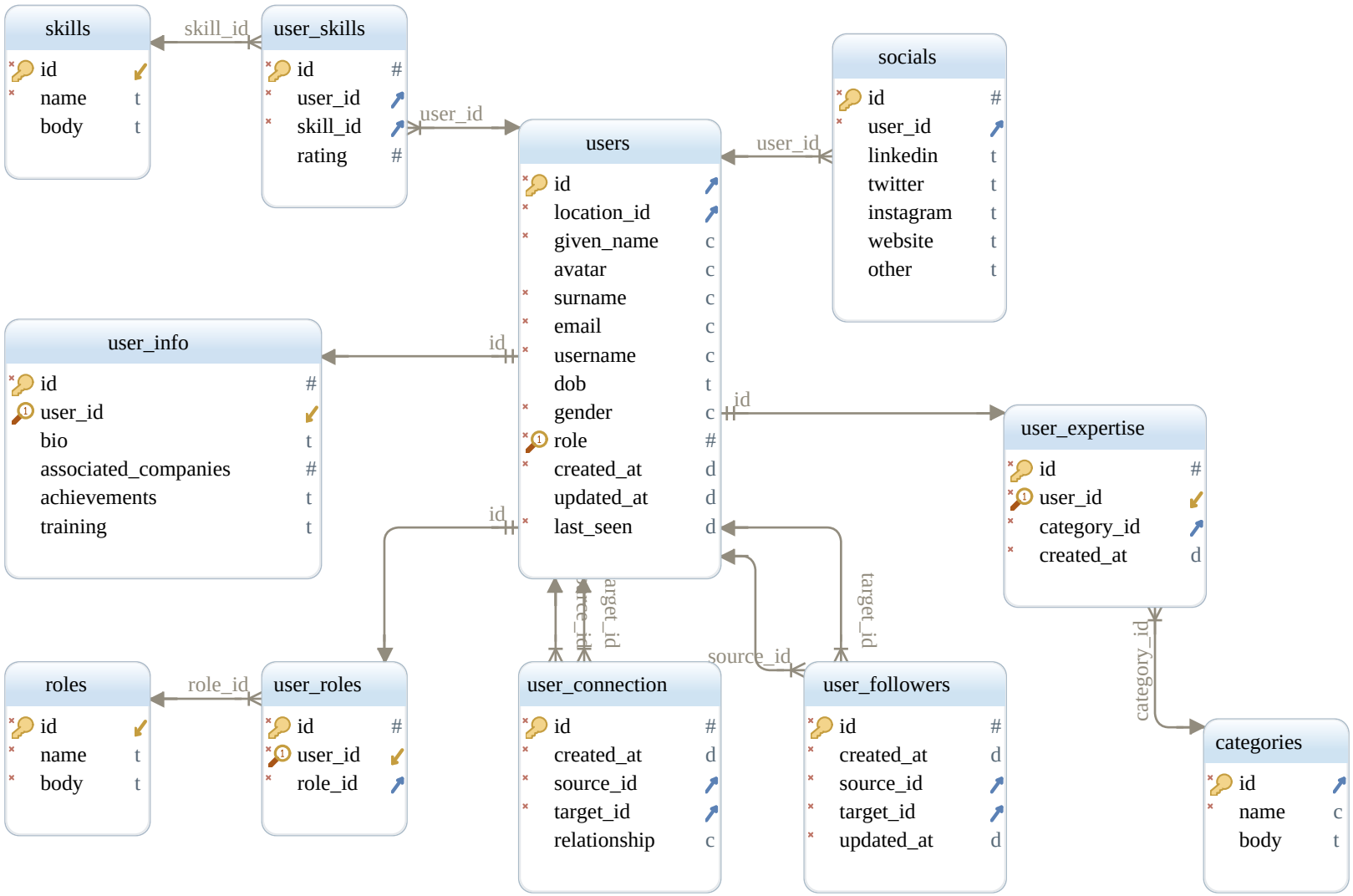
* Pk	id	BIGINT
*	name	CHAR(255)
*	owner	BIGINT
*	venue_location	BIGINT
	body	TEXT

Indexes

Pk	pk_venues	id

Foreign Keys

	venues_venue_location_foreign (venue_location) ref location (id)
	venues_owner_foreign (owner) ref users (id)
	fk_venue_star_rating (id) ref star_rating (venue_id)


skills
id
name
body
skill_id
user_skills
id
user_id
skill_id
rating
user_id
users
id
location_id
given_name
avatar
surname
email
username
dob
gender
role
created_at
updated_at
last_seen
user_id
socials
id
user_id
linkedin
twitter
instagram
website
other
id
user_info
id
user_id
bio
associated_companies
achievements
training
id
user_expertise
id
user_id
category_id
created_at
category_id
categories
id
name
body
role_id
roles
id
name
body
role_id
user_roles
id
user_id
role_id
target_id
source_id
user_connection
id
created_at
source_id
target_id
relationship
source_id
target_id
user_followers
id
created_at
source_id
target_id
updated_at

Friends

Table categories

* Pk	id	INT
*	name	CHAR(255)
	body	TEXT
Indexes		
Pk	pk_categories	id
Foreign Keys		
	fk_categories_courses (id) ref courses (category_id)	
	fk_post_category (id) ref posts (category_id)	
	fk_group_category (id) ref groups (category_id)	

Table roles

* Pk	id	INT
*	name	VARCHAR(100)
*	body	TEXT
Indexes		
Pk	pk_roles	id
Options		
engine=InnoDB		

Table skills

* Pk	id	INT
*	name	VARCHAR(100)
	body	TEXT
Indexes		
Pk	pk_skills	id
Options		
engine=InnoDB		

Table socials

* Pk	id	BIGINT
*	user_id	BIGINT
	linkedin	VARCHAR(255)
	twitter	VARCHAR(255)
	instagram	VARCHAR(255)
	website	VARCHAR(255)
	other	VARCHAR(255)
Indexes		
Pk	pk_socials	id
Foreign Keys		
	fk_user_socials (user_id) ref users (id)	
Options		
engine=InnoDB		

Table user_connection

* Pk	id	INT

Table user_connection

*	created_at	TIMESTAMP(0)
*	source_id	BIGINT
*	target_id	BIGINT
	relationship	CHAR(255)
Indexes		
Pk	pk_user_friend	id
Foreign Keys		
	user_friend_source_id_foreign (source_id) ref users (id)	
	user_friend_target_id_foreign (target_id) ref users (id)	

Table user_expertise

* Pk	id	INT
* Unq	user_id	BIGINT
*	category_id	INT
*	created_at	TIMESTAMP(0)
Indexes		
Pk	pk_user_expertise	id
Unq	unq_user_expertise_user_id	user_id
Foreign Keys		
	fk_user_expertise_category (category_id) ref categories (id)	
Options		
engine=InnoDB		

Table user_followers

* Pk	id	INT
*	created_at	TIMESTAMP(0)
*	source_id	BIGINT
*	target_id	BIGINT
*	updated_at	TIMESTAMP(0)
Indexes		
Pk	pk_user_followers	id
Foreign Keys		
	user_followers_source_id_foreign (source_id) ref users (id)	
	user_followers_target_id_foreign (target_id) ref users (id)	

Table user_info

* Pk	id	BIGINT
Unq	user_id	BIGINT
	bio	TEXT
	associated_companies	BIGINT
	achievements	TEXT
	training	VARCHAR(255)
Indexes		
Pk	pk_user_info	id
Unq	unq_user_info_user_id	user_id
Options		
engine=InnoDB		

Table user_roles

* Pk	id	INT
* Unq	user_id	BIGINT
*	role_id	INT
Indexes		
Pk	pk_user_roles	id
Unq	unq_user_roles_user_id	user_id
Foreign Keys		
	fk_user_role (role_id) ref roles (id)	

Table user_skills

* Pk	id	INT
*	user_id	BIGINT
*	skill_id	INT
	rating	FLOAT(0,2)
Indexes		
Pk	pk_user_skills	id
Foreign Keys		
	fk_user_skill_name (skill_id) ref skills (id)	
	fk_user_skills (user_id) ref users (id)	
Options		

engine=InnoDB

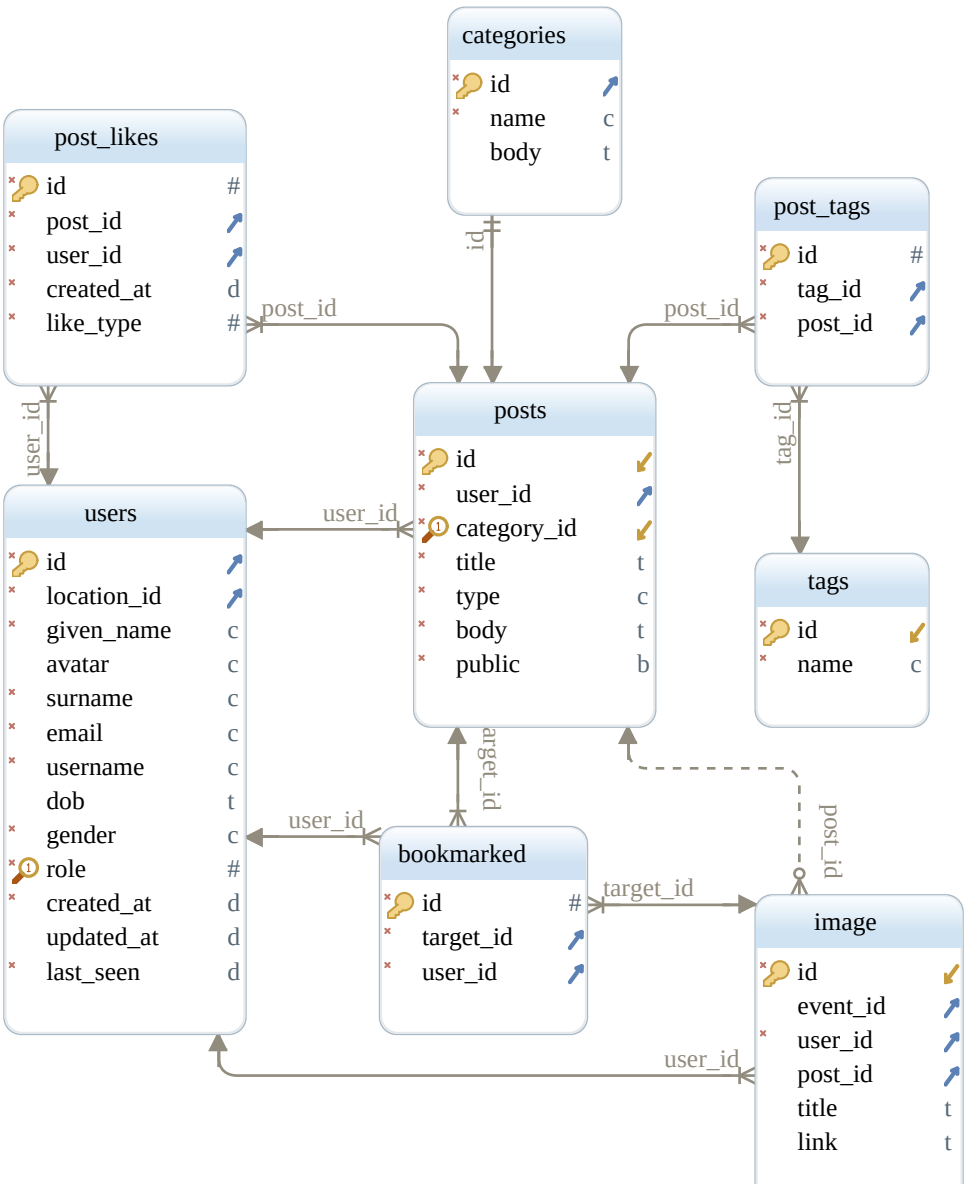
Table users

* Pk	id	BIGINT
*	location_id	BIGINT
*	given_name	CHAR(255)
	avatar	CHAR(255)
*	surname	CHAR(255)
*	email	CHAR(255)
*	username	CHAR(255)
	dob	VARCHAR(40)
*	gender	CHAR(255)
* Unq	role	INT
*	created_at	TIMESTAMP(0)
	updated_at	DATE
*	last_seen	TIMESTAMP(0)
Indexes		
Pk	pk_users	id
Unq	unq_users_role	role
Foreign Keys		
	users_location_id_foreign (location_id) ref location (id)	
	fk_users_teachers (id) ref teachers (user_id)	
	fk_users_students (id) ref students (user_id)	
	fk_star_rating_owner (id) ref star_rating (created_by)	
	fk_users_info (id) ref user_info (user_id)	
	fk_user_expertise (id) ref user_expertise (user_id)	
	fk_user_events (id) ref event_organizers (user_id)	
	fk_group_created_by (id) ref groups (created_by)	

Table users

fk_group_updated_by (id) ref groups (updated_by)

fk_users_roles (id) ref user_roles (user_id)


categories
id
name c
body t
post_likes
id #
post_id
user_id
created_at d
like_type #
post_tags
id #
tag_id
post_id
posts
id
user_id
category_id
title t
type c
body t
public b
users
id
location_id
given_name c
avatar c
surname c
email c
username c
dob t
gender c
role #
created_at d
updated_at d
last_seen d
tags
id
name c
bookmarked
id #
target_id
user_id
image
id
event_id
user_id
post_id
title t
link t
id
post_id
post_id
user_id
tag_id
user_id
target_id
user_id
target_id
post_id
user_id

Posts

Table bookmarked

* Pk	id	BIGINT
*	target_id	BIGINT
*	user_id	BIGINT
Indexes		
Pk	pk_bookmarked	id
Foreign Keys		
	fk_user_bookmarked (user_id) ref users (id)	
	fk_bookmarked_posts (target_id) ref posts (id)	
	fk_bookmarked_image (target_id) ref image (id)	
Options		
engine=InnoDB		

Table categories

* Pk	id	INT
*	name	CHAR(255)
	body	TEXT
Indexes		
Pk	pk_categories	id
Foreign Keys		
	fk_categories_courses (id) ref courses (category_id)	
	fk_post_category (id) ref posts (category_id)	
	fk_group_category (id) ref groups (category_id)	

Table image

* Pk	id	BIGINT
	event_id	BIGINT
*	user_id	BIGINT
	post_id	BIGINT
	title	VARCHAR(255)
	link	VARCHAR(255)
Indexes		
Pk	pk_image	id
Foreign Keys		
	fk_image_event (event_id) ref events (id)	
	fk_image_users (user_id) ref users (id)	
	fk_post_image (post_id) ref posts (id)	
Options		
engine=InnoDB		

Table post_likes

* Pk	id	INT
*	post_id	BIGINT
*	user_id	BIGINT
*	created_at	TIMESTAMP(0)
*	like_type	INT

Table post_likes

Indexes		
Pk	pk_post_likes	id
Foreign Keys		
	post_likes_user_id_foreign (user_id) ref users (id)	
	post_likes_post_id_foreign (post_id) ref posts (id)	

Table post_tags

* Pk	id	BIGINT
*	tag_id	INT
*	post_id	BIGINT
Indexes		
Pk	pk_post_tags	id
Foreign Keys		
	fk_post_tag (tag_id) ref tags (id)	
	fk_post_tags (post_id) ref posts (id)	
Options		
engine=InnoDB		

Table posts

* Pk	id	BIGINT
*	user_id	BIGINT
* Unq	category_id	INT
*	title	VARCHAR(255)
*	type	CHAR(255)
*	body	TEXT
*	public	BOOLEAN
Indexes		
Pk	pk_posts	id
Unq	unq_posts_category_id	category_id
Foreign Keys		
	posts_user_id_foreign (user_id) ref users (id)	

Table tags

* Pk	id	INT
*	name	CHAR(255)
Indexes		
Pk	pk_tags	id

Table users

* Pk	id	BIGINT
*	location_id	BIGINT
*	given_name	CHAR(255)
	avatar	CHAR(255)
*	surname	CHAR(255)
*	email	CHAR(255)
*	username	CHAR(255)
	dob	VARCHAR(40)

Table users

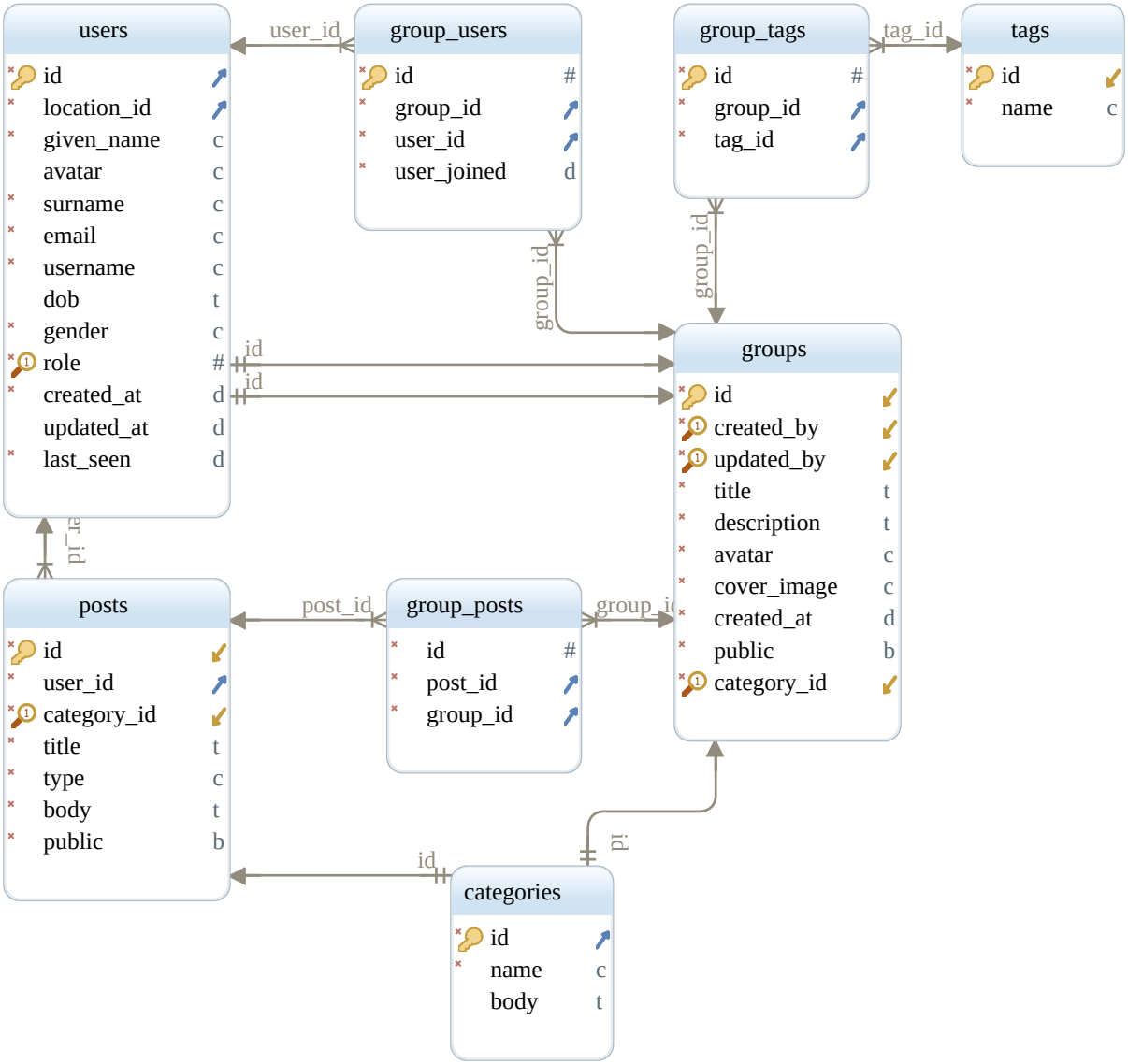
*	gender	CHAR(255)
* Unq	role	INT
*	created_at	TIMESTAMP(0)
	updated_at	DATE
*	last_seen	TIMESTAMP(0)

Indexes

Pk	pk_users	id
Unq	unq_users_role	role

Foreign Keys

	users_location_id_foreign (location_id) ref location (id)
	fk_users_teachers (id) ref teachers (user_id)
	fk_users_students (id) ref students (user_id)
	fk_star_rating_owner (id) ref star_rating (created_by)
	fk_users_info (id) ref user_info (user_id)
	fk_user_expertise (id) ref user_expertise (user_id)
	fk_user_events (id) ref event_organizers (user_id)
	fk_group_created_by (id) ref groups (created_by)
	fk_group_updated_by (id) ref groups (updated_by)
	fk_users_roles (id) ref user_roles (user_id)


users
id
location_id
given_name c
avatar c
surname c
email c
username c
dob t
gender c
role #
created_at d
updated_at d
last_seen d
user_id
group_users
id #
group_id
user_id
user_joined d
group_tags
id #
group_id
tag_id
tag_id
tags
id
name c
group_id
group_id
id
id
groups
id
created_by
updated_by
title t
description t
avatar c
cover_image c
created_at d
public b
category_id
posts
id
user_id
category_id
title t
type c
body t
public b
post_id
group_posts
id #
post_id
group_id
id
categories
id
name c
body t

Groups

Table categories

* Pk	id	INT
*	name	CHAR(255)
	body	TEXT
Indexes		
Pk	pk_categories	id
Foreign Keys		
	fk_categories_courses (id) ref courses (category_id)	
	fk_post_category (id) ref posts (category_id)	
	fk_group_category (id) ref groups (category_id)	

Table group_posts

*	id	BIGINT
*	post_id	BIGINT
*	group_id	BIGINT
Foreign Keys		
	fk_group_post (post_id) ref posts (id)	
	fk_group_posts (group_id) ref groups (id)	
Options		
engine=InnoDB		

Table group_tags

* Pk	id	BIGINT
*	group_id	INT
*	tag_id	INT
Indexes		
Pk	pk_group_tags	id
Foreign Keys		
	fk_group_tags (group_id) ref groups (id)	
	fk_group_tag (tag_id) ref tags (id)	
Options		
engine=InnoDB		

Table group_users

* Pk	id	INT
*	group_id	INT
*	user_id	BIGINT
*	user_joined	TIMESTAMP(0)
Indexes		
Pk	pk_group_users	id
Foreign Keys		
	group_users_user_id_foreign (user_id) ref users (id)	
	group_users_group_id_foreign (group_id) ref groups (id)	

Table groups

* Pk	id	INT

Table groups

* Unq	created_by	BIGINT
* Unq	updated_by	BIGINT
*	title	VARCHAR(255)
*	description	TEXT
*	avatar	CHAR(255)
*	cover_image	CHAR(255)
*	created_at	TIMESTAMP(0)
*	public	BOOLEAN
* Unq	category_id	INT

Indexes

Pk	pk_groups	id
Unq	unq_groups_categories	category_id
Unq	unq_groups_created_by	created_by
Unq	unq_groups_updated_by	updated_by

Table posts

* Pk	id	BIGINT
*	user_id	BIGINT
* Unq	category_id	INT
*	title	VARCHAR(255)
*	type	CHAR(255)
*	body	TEXT
*	public	BOOLEAN

Indexes

Pk	pk_posts	id
Unq	unq_posts_category_id	category_id

Foreign Keys

	posts_user_id_foreign (user_id) ref users (id)

Table tags

* Pk	id	INT
*	name	CHAR(255)

Indexes

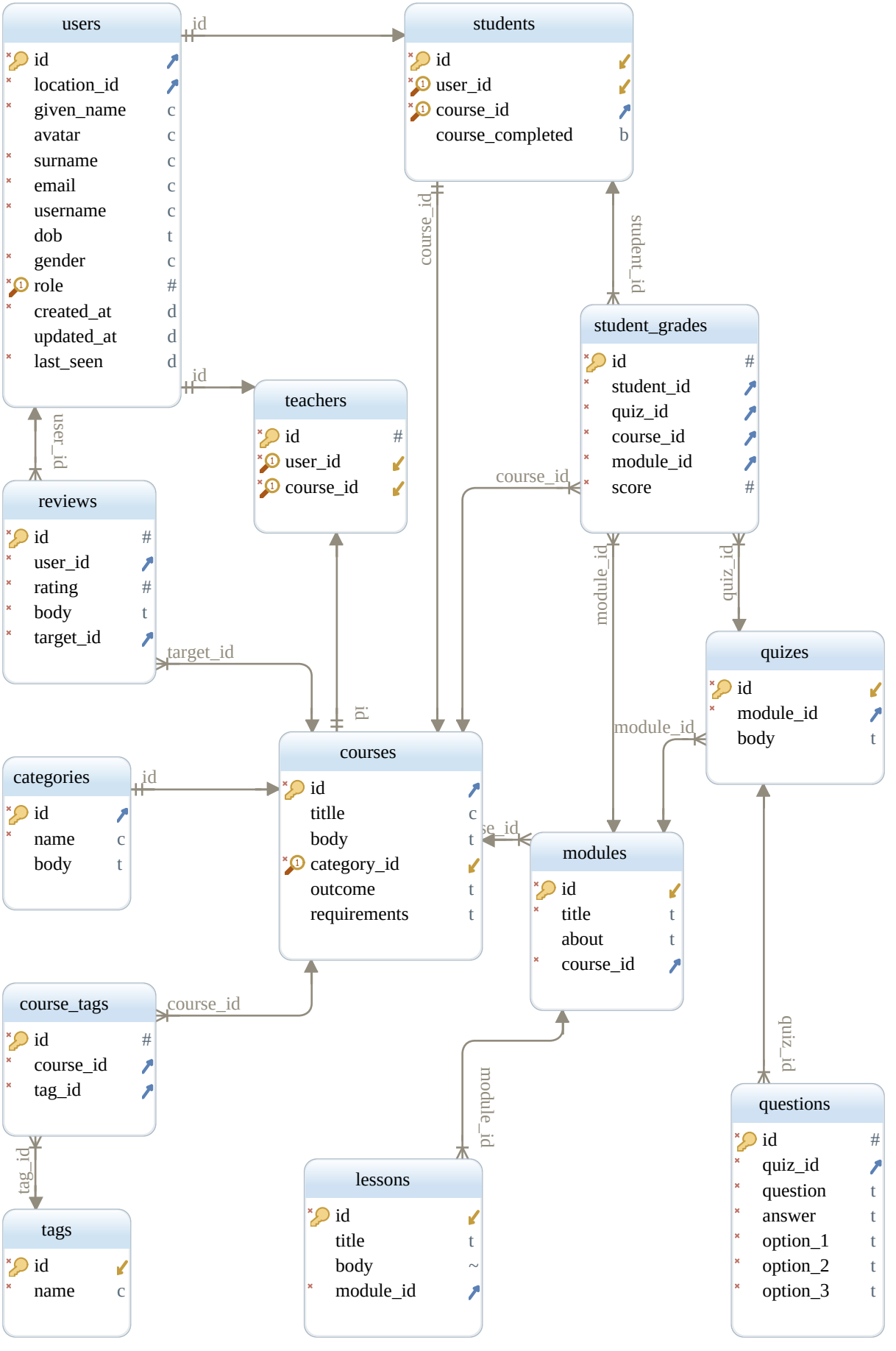
Pk	pk_tags	id

Table users

* Pk	id	BIGINT
*	location_id	BIGINT
*	given_name	CHAR(255)
	avatar	CHAR(255)
*	surname	CHAR(255)
*	email	CHAR(255)
*	username	CHAR(255)
	dob	VARCHAR(40)
*	gender	CHAR(255)
* Unq	role	INT
*	created_at	TIMESTAMP(0)

Table users

	updated_at	DATE
*	last_seen	TIMESTAMP(0)
Indexes		
Pk	pk_users	id
Unq	unq_users_role	role
Foreign Keys		
	users_location_id_foreign (location_id) ref location (id)	
	fk_users_teachers (id) ref teachers (user_id)	
	fk_users_students (id) ref students (user_id)	
	fk_star_rating_owner (id) ref star_rating (created_by)	
	fk_users_info (id) ref user_info (user_id)	
	fk_user_expertise (id) ref user_expertise (user_id)	
	fk_user_events (id) ref event_organizers (user_id)	
	fk_group_created_by (id) ref groups (created_by)	
	fk_group_updated_by (id) ref groups (updated_by)	
	fk_users_roles (id) ref user_roles (user_id)	


users
id
location_id
given_name c
avatar c
surname c
email c
username c
dob t
gender c
role #
created_at d
updated_at d
last_seen d
students
id
user_id
course_id
course_completed b
teachers
id #
user_id
course_id
student_grades
id #
student_id
quiz_id
course_id
module_id
score #
reviews
id #
user_id
rating #
body t
target_id
courses
id
titlle c
body t
category_id
outcome t
requirements t
categories
id
name c
body t
modules
id
title t
about t
course_id
quizes
id
module_id
body t
course_tags
id #
course_id
tag_id
tags
id
name c
lessons
id
title t
body ~
module_id
questions
id #
quiz_id
question t
answer t
option_1 t
option_2 t
option_3 t
id
user_id
target_id
course_id
student_id
module_id
quiz_id
tag_id

Courses

Table categories

* Pk	id	INT
*	name	CHAR(255)
	body	TEXT
Indexes		
Pk	pk_categories	id
Foreign Keys		
	fk_categories_courses (id) ref courses (category_id)	
	fk_post_category (id) ref posts (category_id)	
	fk_group_category (id) ref groups (category_id)	

Table course_tags

* Pk	id	INT
*	course_id	INT
*	tag_id	INT
Indexes		
Pk	pk_course_tags	id
Foreign Keys		
	fk_course_tags (course_id) ref courses (id)	
	fk_course_tag (tag_id) ref tags (id)	
Options		
engine=InnoDB		

Table courses

* Pk	id	INT
	titlle	CHAR(180)
	body	TEXT
* Unq	category_id	INT
	outcome	TEXT
	requirements	TEXT
Indexes		
Pk	pk_courses	id
Unq	unq_courses_categories	category_id
Foreign Keys		
	fk_courses_teachers (id) ref teachers (course_id)	

Table lessons

* Pk	id	INT
	title	VARCHAR(255)
	body	BLOB
*	module_id	INT
Indexes		
Pk	pk_lessons	id
Foreign Keys		
	fk_lessons_modules (module_id) ref modules (id)	
Options		

Table lessons

engine=InnoDB

Table modules

* Pk	id	BIGINT
*	title	VARCHAR(255)
	about	TEXT
*	course_id	INT

Indexes

Pk	pk_modules	id

Foreign Keys

fk_modules_courses (course_id) ref courses (id)

Options

engine=InnoDB

Table questions

* Pk	id	BIGINT
*	quiz_id	BIGINT
*	question	MEDIUMTEXT
*	answer	MEDIUMTEXT
*	option_1	MEDIUMTEXT
*	option_2	MEDIUMTEXT
*	option_3	MEDIUMTEXT

Indexes

Pk	pk_questions	id

Foreign Keys

fk_questions_quizes (quiz_id) ref quizes (id)

Options

engine=InnoDB

Table quizes

* Pk	id	BIGINT
*	module_id	BIGINT
	body	TEXT

Indexes

Pk	pk_quizes	id

Foreign Keys

fk_quizes_modules (module_id) ref modules (id)

Options

engine=InnoDB

Table reviews

* Pk	id	BIGINT
*	user_id	BIGINT
*	rating	INT
*	body	TEXT
*	target_id	BIGINT

Indexes

Table reviews

Pk	pk_reviews	id
Foreign Keys		
	reviews_user_id_foreign (user_id) ref users (id)	
	fk_course_review (target_id) ref courses (id)	
	fk_reviews_event_organizers (target_id) ref event_organizers (id)	
	fk_venue_reviews (target_id) ref venues (id)	

Table student_grades

* Pk	id	INT
*	student_id	BIGINT
*	quiz_id	BIGINT
*	course_id	BIGINT
*	module_id	BIGINT
*	score	FLOAT(0,1)
Indexes		
Pk	pk_student_grades	id
Foreign Keys		
	fk_students_grades (student_id) ref students (id)	
	fk_student_grades_modules (module_id) ref modules (id)	
	fk_student_course_grade (course_id) ref courses (id)	
	fk_student_quiz_grade (quiz_id) ref quizes (id)	
Options		
engine=InnoDB		

Table students

* Pk	id	BIGINT
* Unq	user_id	BIGINT
* Unq	course_id	INT
	course_completed	BOOLEAN
Indexes		
Pk	pk_students	id
Unq	unq_students_user_id	user_id
Unq	unq_students_course_id	course_id
Foreign Keys		
	fk_students_courses (course_id) ref courses (id)	
Options		
engine=InnoDB		

Table tags

* Pk	id	INT
*	name	CHAR(255)
Indexes		
Pk	pk_tags	id

Table teachers

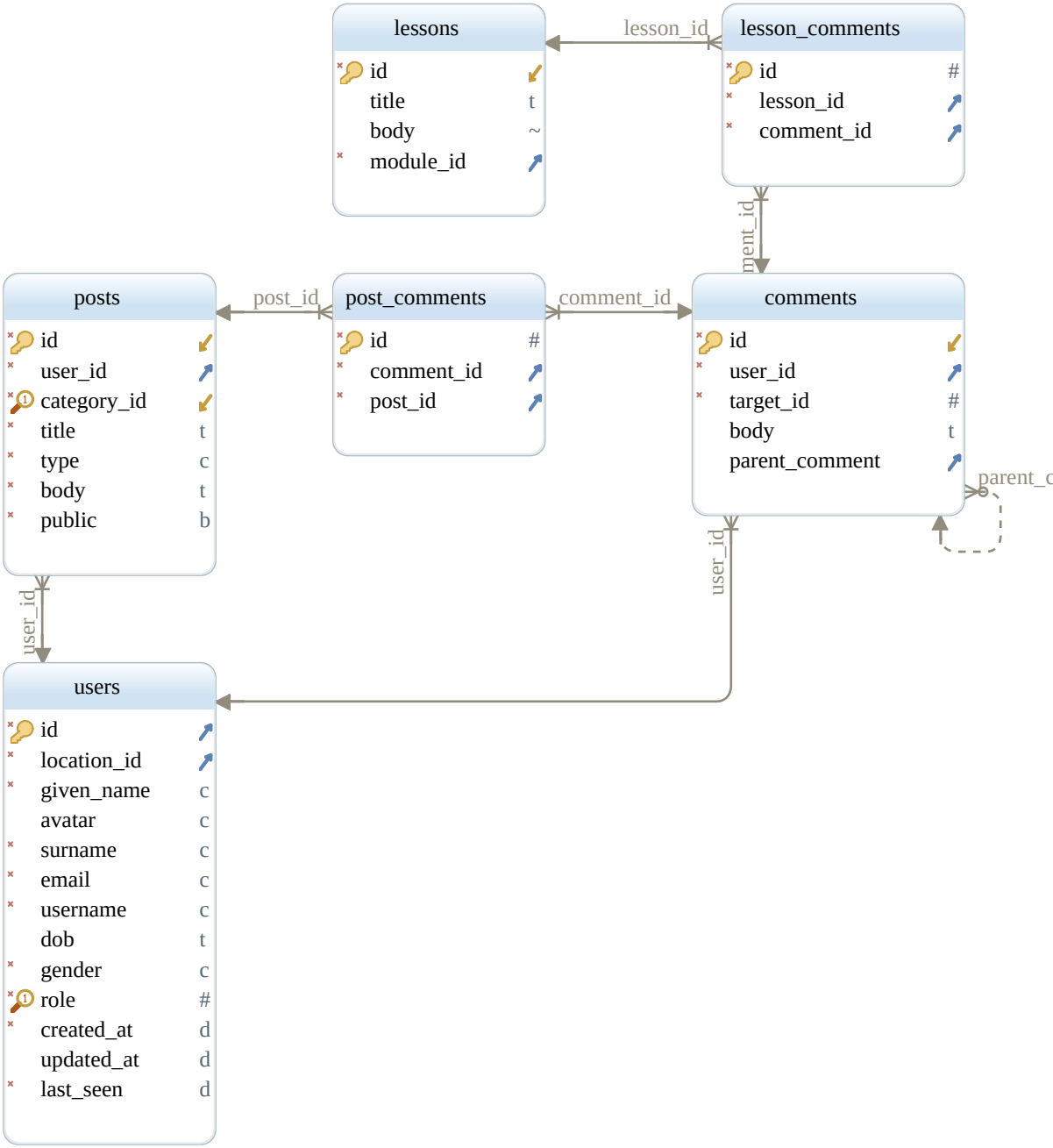
* Pk	id	BIGINT
* Unq	user_id	BIGINT

Table teachers

* Unq	course_id	INT
Indexes		
Pk	pk_teachers	id
Unq	unq_teachers_user_id	user_id
Unq	unq_teachers_course_id	course_id
Options		
engine=InnoDB		

Table users

* Pk	id	BIGINT
*	location_id	BIGINT
*	given_name	CHAR(255)
	avatar	CHAR(255)
*	surname	CHAR(255)
*	email	CHAR(255)
*	username	CHAR(255)
	dob	VARCHAR(40)
*	gender	CHAR(255)
* Unq	role	INT
*	created_at	TIMESTAMP(0)
	updated_at	DATE
*	last_seen	TIMESTAMP(0)
Indexes		
Pk	pk_users	id
Unq	unq_users_role	role
Foreign Keys		
	users_location_id_foreign (location_id) ref location (id)	
	fk_users_teachers (id) ref teachers (user_id)	
	fk_users_students (id) ref students (user_id)	
	fk_star_rating_owner (id) ref star_rating (created_by)	
	fk_users_info (id) ref user_info (user_id)	
	fk_user_expertise (id) ref user_expertise (user_id)	
	fk_user_events (id) ref event_organizers (user_id)	
	fk_group_created_by (id) ref groups (created_by)	
	fk_group_updated_by (id) ref groups (updated_by)	
	fk_users_roles (id) ref user_roles (user_id)	


lessons
id
title
body
module_id
lesson_id
lesson_comments
id
lesson_id
comment_id
ment_id
posts
id
user_id
category_id
title
type
body
public
post_id
post_comments
id
comment_id
post_id
comment_id
comments
id
user_id
target_id
body
parent_comment
parent_c
user_id
user_id
users
id
location_id
given_name
avatar
surname
email
username
dob
gender
role
created_at
updated_at
last_seen

Comments

Table comments

* Pk	id	BIGINT
*	user_id	BIGINT
*	target_id	INT
	body	TEXT
	parent_comment	BIGINT
Indexes		
Pk	pk_comments	id
Foreign Keys		
	fk_parent_comment (parent_comment) ref comments (id)	
	fk_user_comments (user_id) ref users (id)	

Table lesson_comments

* Pk	id	BIGINT
*	lesson_id	BIGINT
*	comment_id	BIGINT
Indexes		
Pk	pk_lesson_comments	id
Foreign Keys		
	fk_lesson_comments (lesson_id) ref lessons (id)	
	fk_lesson_comment (comment_id) ref comments (id)	
Options		
engine=InnoDB		

Table lessons

* Pk	id	INT
	title	VARCHAR(255)
	body	BLOB
*	module_id	INT
Indexes		
Pk	pk_lessons	id
Foreign Keys		
	fk_lessons_modules (module_id) ref modules (id)	
Options		
engine=InnoDB		

Table post_comments

* Pk	id	BIGINT
*	comment_id	BIGINT
*	post_id	BIGINT
Indexes		
Pk	pk_post_comments	id
Foreign Keys		
	fk_post_comment (comment_id) ref comments (id)	
	fk_post_comments (post_id) ref posts (id)	
Options		

Table post_comments

engine=InnoDB		

Table posts

* Pk	id	BIGINT
*	user_id	BIGINT
* Unq	category_id	INT
*	title	VARCHAR(255)
*	type	CHAR(255)
*	body	TEXT
*	public	BOOLEAN
Indexes		
Pk	pk_posts	id
Unq	unq_posts_category_id	category_id
Foreign Keys		
	posts_user_id_foreign (user_id) ref users (id)	

Table users

* Pk	id	BIGINT
*	location_id	BIGINT
*	given_name	CHAR(255)
	avatar	CHAR(255)
*	surname	CHAR(255)
*	email	CHAR(255)
*	username	CHAR(255)
	dob	VARCHAR(40)
*	gender	CHAR(255)
* Unq	role	INT
*	created_at	TIMESTAMP(0)
	updated_at	DATE
*	last_seen	TIMESTAMP(0)
Indexes		
Pk	pk_users	id
Unq	unq_users_role	role
Foreign Keys		
	users_location_id_foreign (location_id) ref location (id)	
	fk_users_teachers (id) ref teachers (user_id)	
	fk_users_students (id) ref students (user_id)	
	fk_star_rating_owner (id) ref star_rating (created_by)	
	fk_users_info (id) ref user_info (user_id)	
	fk_user_expertise (id) ref user_expertise (user_id)	
	fk_user_events (id) ref event_organizers (user_id)	
	fk_group_created_by (id) ref groups (created_by)	
	fk_group_updated_by (id) ref groups (updated_by)	
	fk_users_roles (id) ref user_roles (user_id)	