Database model documentation

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1. Model details

Model name:

Quizverse

Version:

2.4

Database engine:

MySQL

Description:

2. Tables

2.1. Table answer

2.1.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
answer_number	int		
answer	varchar(500)		
created_at	datetime(6)		
updated_at	datetime(6)		
question_id	varchar(36)		

2.1.2. Indexes

Index name	Columns	Description
answer_question_id_523c1648_fk_question_id	question_id (ASC)	

2.2. Table community

2.2.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
name	varchar(100)		
level	varchar(100)		
community_type	varchar(100)		
created_at	datetime(6)		
updated_at	datetime(6)		

2.3. Table course

2.3.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
name	varchar(100)		

code	varchar(10)		
class_or_semester	int		
created_at	datetime(6)		
updated_at	datetime(6)		
department_id	varchar(36)	null	
education_system_id	varchar(36)	null	

2.3.2. Indexes

Index name	Columns	Description
course_department_id_5110981f_fk_department_id	department_id (ASC)	
course_education_system_id_bf0a9994_fk_education_system_id	education_system_id (ASC)	

2.4. Table course_faculty_link

2.4.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
created_at	datetime(6)		
updated_at	datetime(6)		
course_id	varchar(36)		
faculty_id	varchar(36)		

2.4.2. Indexes

Index name	Columns	Description
course_faculty_link_course_id_33190da2_fk_course_id	course_id (ASC)	
course_faculty_link_faculty_id_b7efb485_fk_faculty_id	faculty_id (ASC)	

2.5. Table department

2.5.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
name	varchar(100)		
created_at	datetime(6)		
updated_at	datetime(6)		

2.6. Table education_system

2.6.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
name	varchar(100)		
created_at	datetime(6)		
updated_at	datetime(6)		

2.7. Table faculty

2.7.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
faculty_id	varchar(100)		
created_at	datetime(6)		
updated_at	datetime(6)		
user_id	varchar(36)		

2.7.2. Alternate keys

Key name	Columns	Description
user_id	user_id	

2.8. Table faculty_department_link

2.8.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	

created_at	datetime(6)		
updated_at	datetime(6)		
department_id	varchar(36)		
faculty_id	varchar(36)		

2.8.2. Indexes

Index name	Columns	Description
faculty_department_link_department_id_55476b94_fk_department_id	department_id (ASC)	
faculty_department_link_faculty_id_5ccc106c_fk_faculty_id	faculty_id (ASC)	

2.9. Table institution

2.9.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
name	varchar(100)		
place	varchar(100)		
instituion_type	varchar(7)		
created_at	datetime(6)		
updated_at	datetime(6)		
education_system_id	varchar(36)	null	

2.9.2. Indexes

Index name	Columns	Description
institution_education_system_id_19ca4814_fk_education_system_id	education_system_id (ASC)	

2.10. Table module

2.10.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	

module_number	int		
module_name	varchar(100)		
syllabus	longtext		
created_at	datetime(6)		
updated_at	datetime(6)		
course_id	varchar(36)		

2.10.2. Indexes

Index name	Columns	Description
module_course_id_14c62 bd5_fk_course_id	course_id (ASC)	

2.11. Table qbank_course_link

2.11.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
created_at	datetime(6)		
updated_at	datetime(6)		
course_id	varchar(36)		
question_bank_id	varchar(36)		

2.11.2. Alternate keys

Key name	Columns	Description
unique_course_question _bank	question_bank_id, course_id	

2.11.3. Indexes

Index name	Columns	Description
qbank_course_link_cour se_id_21b61ed0_fk_cour se_id	course_id (ASC)	

2.12. Table question

2.12.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
question_number	int		
question	varchar(500)		
question_type	varchar(6)		
created_at	datetime(6)		
updated_at	datetime(6)		
viva_or_quiz_id	varchar(36)		

2.12.2. Indexes

Index name	Columns	Description
question_viva_or_quiz_id_8bc9c78b_fk_quiz_or_viva_id	viva_or_quiz_id (ASC)	

2.13. Table question_bank

2.13.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
title	varchar(50)		
created_at	datetime(6)		
updated_at	datetime(6)		
creator_id	varchar(36)		

2.13.2. Indexes

Index name	Columns	Description
question_bank_creator_id_7e6f4d80_fk_user_id	creator_id (ASC)	

2.14. Table question_module_link

2.14.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
created_at	datetime(6)		

updated_at	datetime(6)		
module_id	varchar(36)		
question_id	varchar(36)		

2.14.2. Alternate keys

Key name	Columns	Description
unique_question_module	question_id, module_id	

2.14.3. Indexes

Index name	Columns	Description
question_module_link_module_id_ad5e7d71_fk_module_id	module_id (ASC)	

2.15. Table quiz_or_viva

2.15.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
title	varchar(100)		
description	varchar(500)		
viva_or_quiz	varchar(4)		
created_at	datetime(6)		
updated_at	datetime(6)		
conductor_id	varchar(36)		

2.15.2. Indexes

Index name	Columns	Description
quiz_or_viva_conductor_id_b4359e01_fk_user_id	conductor_id (ASC)	

2.16. Table role

2.16.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	

name	varchar(50)		
created_at	datetime(6)		
updated_at	datetime(6)		

2.16.2. Alternate keys

Key name	Columns	Description
name	name	

2.17. Table student

2.17.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
roll_number	varchar(100)		
class_or_semester	int		
created_at	datetime(6)		
updated_at	datetime(6)		
user_id	varchar(36)		

2.17.2. Alternate keys

Key name	Columns	Description
user_id	user_id	

2.18. Table student_department_link

2.18.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
created_at	datetime(6)		
updated_at	datetime(6)		
department_id	varchar(36)		
student_id	varchar(36)		

2.18.2. Indexes

Index name	Columns	Description
student_department_link_department_id_fdcebd27_fk_department_id	department_id (ASC)	
student_department_link_student_id_6ab0f607_fk_student_id	student_id (ASC)	

2.19. Table token

2.19.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
access_token	longtext		
refresh_token	longtext		
created_at	datetime(6)		
user_id	varchar(36)		

2.19.2. Alternate keys

Key name	Columns	Description
user_id	user_id	

2.20. Table user

2.20.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
username	varchar(50)		
email	varchar(50)		
password	varchar(150)		
is_verified	tinyint(1)		
created_at	datetime(6)		
updated_at	datetime(6)		

2.20.2. Alternate keys

Key name	Columns	Description
username	username	
email	email	

2.21. Table user_community_link

2.21.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
created_at	datetime(6)		
updated_at	datetime(6)		
community_id	varchar(36)		
user_id	varchar(36)		

2.21.2. Indexes

Index name	Columns	Description
user_community_link_community_id_ad268643_fk_community_id	community_id (ASC)	
user_community_link_user_id_2bd30805_fk_user_id	user_id (ASC)	

2.22. Table user_institution_link

2.22.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
created_at	datetime(6)		
updated_at	datetime(6)		
institution_id	varchar(36)		
user_id	varchar(36)		

2.22.2. Indexes

Index name	Columns	Description

user_institution_link_ institution_id_8bb3f3f d_fk_institution_id	institution_id (ASC)	
user_institution_link_ user_id_affac0d9_fk_us er_id	user_id (ASC)	

2.23. Table user_role

2.23.1. Columns

Column name	Type	Properties	Description
id	bigint	PK	
user_id	varchar(36)		
role_id	varchar(36)		

2.23.2. Alternate keys

Key name	Columns	Description
user_role_user_id_role _id_a1d0951e_uniq	user_id, role_id	

2.23.3. Indexes

Index name	Columns	Description
user_role_role_id_6a11 361a_fk_role_id	role_id (ASC)	

2.24. Table verification_token

2.24.1. Columns

Column name	Type	Properties	Description
id	varchar(36)	PK	
token	varchar(40)		
token_type	varchar(7)		
created_at	datetime(6)		
user_id	varchar(36)		

2.24.2. Alternate keys

Key name	Columns	Description
token	token	

2.24.3. Indexes

Index name	Columns	Description
verification_token_user_id_dfb9f3f2_fk_user_id	user_id (ASC)	

3. References

3.1. Reference course_faculty_link_course_id_33190da2_fk_course_id

course	0..*	course_faculty_link
id	<->	course_id

3.2. Reference faculty_department_link_department_id_55476b94_fk_department _id

department	0..*	faculty_department_link
id	<->	department_id

3.3. Reference faculty_department_link_faculty_id_5ccc106c_fk_faculty_id

faculty	0..*	faculty_department_link
id	<->	faculty_id

3.4. Reference institution_education_system_id_19ca4814_fk_education_system_i d

education_system	0..*	institution
id	<->	education_system_id

3.5. Reference module_course_id_14c62bd5_fk_course_id

course	0..*	module
id	<->	course_id

3.6. Reference qbank_course_link_course_id_21b61ed0_fk_course_id

course	0..*	qbank_course_link
id	<->	course_id

3.7. Reference

question_module_link_module_id_ad5e7d71_fk_module_id

module	0..*	question_module_link
id	<->	module_id

3.8. Reference

question_module_link_question_id_a9483311_fk_question_id

question	0..*	question_module_link
id	<->	question_id

3.9. Reference

student_department_link_department_id_fdcebd27_fk_department_id

department	0..*	student_department_link
id	<->	department_id

3.10. Reference

student_department_link_student_id_6ab0f607_fk_student_id

student	0..*	student_department_link
id	<->	student_id

3.11. Reference

user_community_link_community_id_ad268643_fk_community_id

community	0..*	user_community_link
id	<->	community_id

3.12. Reference

user_community_link_user_id_2bd30805_fk_user_id

user	0..*	user_community_link
id	<->	user_id

3.13. Reference

user_institution_link_institution_id_8bb3f3fd_fk_institution_id

institution	0..*	user_institution_link
id	<->	institution_id

3.14. Reference user_institution_link_user_id_affac0d9_fk_user_id

user	0..*	user_institution_link
id	<->	user_id

3.15. Reference user_role_role_id_6a11361a_fk_role_id

role	0..*	user_role
id	<->	role_id

3.16. Reference user_role_user_id_12d84374_fk_user_id

user	0..*	user_role
id	<->	user_id

3.17. Reference verification_token_user_id_dfb9f3f2_fk_user_id

user	0..*	verification_token
id	<->	user_id

3.18. Reference answer_question_id_523c1648_fk_question_id

question	0..*	answer
id	<->	question_id

3.19. Reference course_department_id_5110981f_fk_department_id

department	0..*	course
id	<->	department_id

3.20. Reference course_education_system_id_bf0a9994_fk_education_system_id

education_system	0..*	course
id	<->	education_system_id

3.21. Reference course_faculty_link_faculty_id_b7efb485_fk_faculty_id

faculty	0..*	course_faculty_link
id	<->	faculty_id

3.22. Reference faculty_user_id_c7169dec_fk_user_id

user	0..1	faculty
id	<->	user_id

3.23. Reference qbank_course_link_question_bank_id_a1f1fb75_fk_question_bank_id

question_bank	0..*	qbank_course_link
id	<->	question_bank_id

3.24. Reference question_viva_or_quiz_id_8bc9c78b_fk_quiz_or_viva_id

quiz_or_viva	0..*	question
id	<->	viva_or_quiz_id

3.25. Reference question_bank_creator_id_7e6f4d80_fk_user_id

user	0..*	question_bank
id	<->	creator_id

3.26. Reference quiz_or_viva_conductor_id_b4359e01_fk_user_id

user	0..*	quiz_or_viva
id	<->	conductor_id

3.27. Reference student_user_id_dcc2526f_fk_user_id

user	0..1	student
id	<->	user_id

3.28. Reference token_user_id_1c65fba4_fk_user_id

user	0..1	token
id	<->	user_id