

user_types
user_type_id INT(11)
user_type_name VARCHAR(45)
Indexes

questions
question_id INT(11)
question_content TEXT
question_type INT(11)
question_reference INT(11)
survey_id INT(11)
Indexes

resource_types
resource_type_id INT(11)
resource_type_name VARCHAR(40)
resource_type_medium VARCHAR(40)
Indexes

problem_types
problem_type_id INT(11)
problem_type_name VARCHAR(45)
Indexes

answers
answer_id INT(11)
answer_content TEXT
Indexes

urls
url_id INT(11)
url VARCHAR(255)
Indexes

user_pii
user_id INT(11)
user_name VARCHAR(255)
user_email VARCHAR(80)
user_gender VARCHAR(20)
user_birthdate DATE
user_country VARCHAR(3)
user_ip INT(10)
user_timezone_offset INT(11)

feedbacks
feedback_id INT(11)
user_id INT(11)
answer_id INT(11)
question_id INT(11)
feedback_timestamp DATETIME
Indexes

observed_events
observed_event_id INT(11)
observed_event_type_id INT(11)
user_id INT(11)
item_id INT(11)
observed_event_timestamp DATETIME
observed_event_data LONGTEXT
observed_event_duration INT(11)
observed_event_ip INT(11)
observed_event_os INT(11)
observed_event_agent INT(11)
Indexes

assessments
assessment_id INT(11)
submission_id INT(11)
assessment_feedback TEXT
assessment_grade DOUBLE
assessment_max_grade DOUBLE
assessment_grade_with_penalty DOUBLE
assessment_grader_id INT(11)
assessment_timestamp DATETIME
Indexes

course_metadata
title VARCHAR(255)
start_date DATE
wrap_up_date DATE
last_release_date DATE
midterm_exam_resource_id INT(11)
final_exam_resource_id INT(11)
release_periodicity ENUM(...)
uses_peer_grading INT(1)
uses_self_grading INT(1)
uses_staff_grading INT(1)
has_problems INT(1)
has_in_video_quizzes INT(1)
has_open_ended_assignments INT(1)
uses_soft_deadlines INT(1)
uses_hard_deadlines INT(1)
allows_drop_in INT(1)
offers_certificates INT(1)
offers_verified_certificates INT(1)
uses_video_pip INT(1)
uses_annotated_slide_instruction INT(1)
uses_static_slides_instruction INT(1)
uses_board_style_instruction INT(1)

observed_event_types
observed_event_type_id INT(11)
observed_event_type_name VARCHAR(40)
observed_event_type_activity_mode VARCHAR(10)

problems
problem_id INT(11)
problem_name VARCHAR(60)
problem_parent_id INT(11)
problem_child_number INT(11)
problem_type_id INT(11)
problem_release_timestamp DATETIME
problem_soft_deadline DATETIME
problem_hard_deadline DATETIME
problem_max_submission INT(11)
problem_max_duration INT(11)
problem_weight INT(11)
resource_id INT(11)
Indexes

collaboration_types
collaboration_type_id INT(11)
collaboration_type_name VARCHAR(45)
Indexes

submissions
submission_id INT(11)
user_id INT(11)
problem_id INT(11)
submission_timestamp DATETIME
submission_attempt_number INT(11)
submission_answer TEXT
submission_is_submitted BIT(1)
submission_ip INT(11)
submission_os INT(11)
submission_agent INT(11)
Indexes

users
user_id INT(11)
user_name VARCHAR(30)
user_email TEXT
user_gender TINYINT(4)
user_birthdate DATE
user_country VARCHAR(3)
user_ip INT(10)
user_timezone_offset INT(11)
user_final_grade DOUBLE
user_join_timestamp DATETIME
user_os INT(11)
user_agent INT(11)
user_language INT(11)
user_screen_resolution VARCHAR(45)
user_type_id INT(11)
Indexes

resources
resource_id INT(11)
resource_name VARCHAR(555)
resource_uri VARCHAR(555)
resource_type_id INT(2)
resource_parent_id INT(11)
resource_child_number INT(11)
resource_relevant_week INT(11)
resource_release_date DATE
Indexes

resources_urls
resources_urls_id INT(11)
resource_id INT(11)
url_id INT(11)
Indexes

surveys
survey_id INT(11)
survey_start_timestamp DATETIME
survey_end_timestamp DATETIME
Indexes

collaboration_content
collaboration_id INT(11)
collaboration_content LONGTEXT
Indexes

collaborations
collaboration_id INT(11)
user_id INT(11)
collaboration_type_id INT(11)
collaboration_content TEXT
collaboration_timestamp DATETIME
collaboration_parent_id INT(11)
collaboration_child_number INT(11)
collaborations_ip INT(11)
collaborations_os INT(11)
collaborations_agent INT(11)
resource_id INT(11)
Indexes