CodeWorkout domain model

Term
- ends_on *date* *
- season *integer* *
- starts_on *date* *
- year *integer* *

CourseOffering
- label *string*
- name *string* *
- self_enrollment_allowed *boolean*
- url *string*

Organization
- display_name *string* *
- url_part *string* *

Course
- creator_id *integer*
- name *string* *
- number *string* *
- url_part *string* *

CourseExercise

CourseRole
- builtin *boolean* *
- can_grade_submissions *boolean* *
- can_manage_assignments *boolean* *
- can_manage_course *boolean* *
- can_view_other_submissions *boolean* *
- name *string* *

CourseEnrollment

WorkoutOffering
- hard_deadline *date*
- opening_date *date*
- soft_deadline *date*

Prompt
- allow_multiple *boolean*
- attempts *integer* *
- correct *float* *
- difficulty *float* *
- discrimination *float* *
- feedback *text*
- instruction *text* *
- is_scrambled *boolean*
- language_id *integer* *
- max_user_attempts *integer* *
- order *integer* *

Choice
- answer *string* *
- feedback *text*
- order *integer* *
- value *float* *

WorkoutScore
- completed *boolean*
- completed_at *datetime*
- exercises_completed *integer*
- exercises_remaining *integer*
- last_attempted_at *datetime*
- score *float*

Workout
- creator_id *integer*
- description *text*
- name *string* *
- points_multiplier *integer*
- scrambled *boolean*
- target_group *string*

ExerciseWorkout
- order *integer* *
- points *float*

HABTM_Workouts
- tag_id *integer* *

Tag
- tag_name *string* *
- tagtype *integer*
- total_exercises *integer*
- total_experience *integer*

HABTM_Tags
- workout_id *integer* *

Stem
- preamble *text* *

Exercise
- count_attempts *integer* *
- count_correct *float* *
- creator_id *integer*
- difficulty *float* *
- discrimination *float* *
- experience *integer* *
- feedback *text*
- is_public *boolean* *
- mcq_allow_multiple *boolean*
- mcq_is_scrambled *boolean*
- name *string* *
- priority *integer* *
- question *text* *
- version *integer* *

HABTM_Exercises
- resource_file_id *integer* *

ResourceFile
- filename *string*
- public *boolean*
- token *string* *

HABTM_ResourceFiles
- exercise_id *integer* *

Attempt
- answer *text*
- experience_earned *integer*
- score *decimal*
- submit_num *integer* *
- submit_time *datetime* *

MultipleChoiceQuestion
- base_exercise_id *integer* *
- count_attempts *integer* *
- count_correct *float* *
- creator_id *integer*
- difficulty *float* *
- discrimination *float* *
- experience *integer* *
- feedback *text*
- is_public *boolean* *
- mcq_allow_multiple *boolean* *
- mcq_is_scrambled *boolean* *
- name *string* *
- priority *integer* *
- question *text* *
- stem_id *integer*
- version *integer* *

TagUserScore
- completed_exercises *integer*
- experience *integer*

User
- avatar *string*
- confirmation_sent_at *datetime*
- confirmation_token *string*
- confirmed_at *datetime*
- current_sign_in_at *datetime*
- current_sign_in_ip *string*
- email *string* *
- encrypted_password *string* *
- first_name *string*
- last_name *string*
- last_sign_in_at *datetime*
- last_sign_in_ip *string*
- name *string*
- remember_created_at *datetime*
- reset_password_sent_at *datetime*
- reset_password_token *string*
- sign_in_count *integer* *

VariationGroup
- name *string* *

CodingQuestion
- class_name *string*
- method_name *string*
- starter_code *text*
- test_script *text* *
- wrapper_code *text* *

TestCase
- description *text*
- expected_output *string* *
- input *string* *
- negative_feedback *text* *
- test_script *string*
- weight *float* *

GlobalRole
- builtin *boolean* *
- can_edit_system_configuration *boolean* *
- can_manage_all_courses *boolean* *
- name *string* *

Identity
- provider *string* *
- uid *string* *

BaseExercise
- question_type *integer* *
- versions *integer* *

TestCaseResult
- execution_feedback *text*
- pass *boolean* *