RABIT domain model

Clustering
- description *text*
- name *string*

BuildingType
- name *string*

ConnectionType
- name *string*

ConsumerCategory
- description *text*
- name *string*
- real_time *boolean*

Community
- description *text*
- name *string*

Consumer
- edms_id *string*
- feeder_id *string*
- location *string*
- location_x *float*
- location_y *float*
- name *string*

RecommendationType
- description *text*
- name *string*

UserClusteringScenario
- kappa *integer*
- name *string*
- silhouette *float*

Recommendation
- custom_message *text*
- parameter *string*
- recommendable_type *string*
- status *integer*

Role
- name *string*
- resource_id *integer (8)*
- resource_type *string*

User
- authentication_token *string (30)*
- current_sign_in_at *datetime*
- current_sign_in_ip *inet*
- email *string∗ U*
- encrypted_password *string∗*
- last_sign_in_at *datetime*
- last_sign_in_ip *inet*
- name *string*
- provider *string*
- remember_created_at *datetime*
- reset_password_sent_at *datetime*
- reset_password_token *string*
- sign_in_count *integer∗*
- uid *string*

Interval
- duration *integer*
- name *string*

Flexibility
- name *string*

EccType
- name *string*

CIScenario
- algorithm *string*
- cost_parameter *float*
- endtime *datetime*
- error_message *string*
- kappa *integer*
- name *string*
- starttime *datetime*
- stderr *text*

Scenario
- description *text*
- endtime *datetime*
- energy_cost_parameter *float*
- error_message *string*
- gamma_parameter *float*
- name *string*
- number_of_clusters *integer*
- profit_margin_parameter *float*
- starttime *datetime*
- stderr *text*

Message
- content *text*
- gsrn_status *integer*
- status *integer*

LcmsScore
- competence *integer*
- current_score *float*
- last_month_score *float*
- last_week_score *float*

GameActivity
- dailyScore *integer*
- energyProgram *string*
- gameDuration *integer*
- levelGame *string*
- timestampUserLoggediIn *datetime*
- totalScore *integer*

GameReward
- total_cash *integer*
- total_credits *integer*
- total_ex_points *integer*

LcmsBadge
- date_given *date*
- level *string*
- numeric *float*
- topic *string*

LcmsCourse
- current_grade *float*
- grade_max *float*
- grade_min *float*
- grade_pass *float*
- graded_at *datetime*
- level *string*
- numeric *float*
- time_spent_seconds *integer*
- topic *string*

DataPoint
- consumption *float*
- flexibility *float*
- timestamp *datetime*

EccTerm

Result
- energy_cost *float*
- energy_program_id *integer (8)*
- retailer_profit *float*
- timestamp *datetime*
- total_bill *float*
- total_consumption *float*
- total_welfare *float*
- user_welfare *float*

UserClusteringParameter
- paramtype *string*
- value *float*

UserClusteringResult
- cluster *integer*

EnergyProgram
- name *string*

EccFactor
- period *integer∗*
- start *integer*
- stop *integer*