Rat domain model

Clustering
- description *text*
- name *string*

ConnectionType
- name *string*

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

Community
- description *text*
- name *string*

BuildingType
- name *string*

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

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

EccType
- name *string*

Flexibility
- name *string*

ClScenario
- algorithm *string*
- endtime *datetime*
- kappa *integer*
- name *string*
- starttime *datetime*

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

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

RecommendationType
- description *text*
- name *string*

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

EnergyProgram
- name *string*

Recommendation
- parameter *string*
- status *integer*