

GameOfLifeCell	
id	AutoField
game_of_life	ForeignKey (id)
alive	BooleanField
cell_name	CharField
changed	NullBooleanField
col	IntegerField
is_ai	BooleanField
row	IntegerField

RegressionPlotItem	
id	AutoField
regression	ForeignKey (id)
x_val	FloatField
y_val	FloatField

RegressionEstimate	
id	AutoField
regression	ForeignKey (id)
y0	FloatField
y1	FloatField

BubbleSortSwap	
id	AutoField
bubble_sort	ForeignKey (id)
lower_index	IntegerField

GameOfLife	
id	AutoField
buffer	OneToOneField (id)
interaction	OneToOneField (id)
is_async	BooleanField
is_buffer	BooleanField
num_cols	IntegerField
num_rows	IntegerField

Regression	
id	AutoField
interaction	OneToOneField (id)
chart_title	TextField
stage	IntegerField
x_label	TextField
y_label	TextField

BubbleSort	
id	AutoField
interaction	OneToOneField (id)
shuffled	CommaSeparatedIntegerField

RegisteredDevice	
device_id	CharField
client	ForeignKey (id)
date_created	DateTimeField
user_agent	CharField

Graph	
id	AutoField
interaction	OneToOneField (id)
rules	ForeignKey (id)

GraphParticipationRules	
id	AutoField
client_can_add_edge_from	CharField
client_can_add_edge_to	CharField
client_can_add_vertex	BooleanField
client_can_color_edge	CharField
client_can_color_vertex	CharField
client_can_label_edge	CharField
client_can_label_vertex	CharField
client_can_remove_edge_from	CharField
client_can_remove_edge_to	CharField
client_can_remove_vertex	CharField
client_num_vertices_each	IntegerField
edge_thickness_func	CharField
is_clustered	BooleanField
is_directed	BooleanField
is_edge_weighted	BooleanField
is_multi_graph	BooleanField
is_vertex_weighted	BooleanField
layout_type	CharField
vertex_label_format_string	CharField
vertex_radius_func	CharField

Client	
id	AutoField
id_code	CharField
name	CharField

Interaction	
id	AutoField
clicker_class	ForeignKey (id)
creator	ForeignKey (id)
interaction_type	ForeignKey (id)
data_json	TextField
state	CharField

InteractionType	
id	AutoField
long_name	CharField
slug_name	SlugField

ClickerClass	
id	AutoField
creator	ForeignKey (id)
class_name	CharField
long_name	CharField

Creator	
id	AutoField
user	OneToOneField (id)

User

GraphVertex	
id	AutoField
graph	ForeignKey (id)
background_color	CharField
border_color	CharField
is_assigned	BooleanField
label	CharField
weight	IntegerField

GraphEdge	
id	AutoField
graph	ForeignKey (id)
source	ForeignKey (id)
target	ForeignKey (id)
label	CharField
line_color	CharField
weight	IntegerField

game_of_life (cells)

regression (plot_items)

regression (estimates)

bubble_sort (swaps)

buffer (source)

interaction (gameoflife)

interaction (regression)

interaction (bubblesort)

client (registereddevice)

interaction (graph)

rules (graph)

classes (registereddevice)

graph (edges)

graph (vertices)

begin_with_edges (rules)

begin_with_vertices (rules)

source (source_edges)

target (target_edges)

interaction_type (interactions)

clicker_class (interactions)

classes (client)

creator (interactions)

creator (classes)

user (creator)