

events			
Field	Data Type	Description	Example Data
id (PK)	INTEGER	The ID for this table (auto-increment)	2
date*	DATE	The date of the event	2021-02-02
organization_id (FK)	INTEGER	The ID of the organization the event is affiliated with	53
active	BOOLEAN	true if active; false otherwise; should default to active.	true

organizations			
Field	Data Type	Description	Example Data
id (PK)	INTEGER	The ID for this table (auto-increment)	2
name*	STRING	The name of the team; must be unique	Carnegie Mellon University
street_1*	STRING	The first line of the street address of the organization	4800 Forbes Ave
street_2	STRING	The second line of the street address of the organization	Hamburg 3001
city	STRING	The city or township the organization is located in	Pittsburgh
state	STRING	The postal abbreviation of the organization's state	PA
zip*	STRING	Zip code of the organization	15213
short_name*	STRING	An abbreviated version of the name used in printing brackets	CMU
active	BOOLEAN	true if active; false otherwise; should default to active.	true

quizzes			
Field	Data Type	Description	Example Data
id (PK)	INTEGER	The ID for this table (auto-increment)	2
event_id (FK)	INTEGER	The ID of the event the quiz is affiliated with	49
division	STRING	The division of the quiz. Either 'junior' or 'senior'	'junior'

<b>room</b>	INTEGER	The room number of the quiz	6
<b>round</b>	INTEGER	The round the quiz is slated for	3

students			
Field	Data Type	Description	Example Data
<b>id (PK)</b>	INTEGER	The ID for this table (auto-increment)	2
<b>first_name*</b>	STRING	The first name of the student	Alex
<b>last_name*</b>	STRING	The last name of the student	Heimann
<b>grade*</b>	INTEGER	The student's grade, used for placing in appropriate division	3
<b>organization_id (FK)</b>	INTEGER	The ID of the organization the student is affiliated with	51
<b>active</b>	BOOLEAN	true if active; false otherwise; should default to active.	true

student_teams			
Field	Data Type	Description	Example Data
<b>id (PK)</b>	INTEGER	The ID for this table (auto-increment)	2
<b>team_id (FK)</b>	INTEGER	The ID of the team associated with this assignment	3
<b>student_id (FK)</b>	INTEGER	The ID of the student associated w/ assignment	5
<b>start_date*</b>	DATE	The date the assignment began	2021-01-01
<b>end_date</b>	DATE	The date the assignment was terminated	2021-01-31
<b>position*</b>	INTEGER	The position (1-5) that a student holds; essentially rank in team.	1
<b>active</b>	BOOLEAM	true if active; false otherwise; should default to active.	true

student_quizzes			
Field	Data Type	Description	Example Data
<b>id (PK)</b>	INTEGER	The ID for this table (auto-increment)	2

<b>quiz_id (FK)</b>	INTEGER	The ID of the quiz associated with this entity	3
<b>student_id (FK)</b>	INTEGER	The ID of the student associated w/ entity	5
<b>score</b>	INTEGER	A calculated field that represents the score earned	90
<b>num_attempted*</b>	INTEGER	The number of questions a student attempts in a quiz	4
<b>num_correct*</b>	INTEGER	The number of questions a student gets correct in a quiz	1

teams			
Field	Data Type	Description	Example Data
<b>id (PK)</b>	INTEGER	The ID for this table (auto-increment)	2
<b>name*</b>	STRING	The name of the team; must be unique	CMU 1
<b>organization_id (FK)</b>	INTEGER	The ID of the organization the team is affiliated with	49
<b>division*</b>	STRING	The division of the team; can only be 'senior' or 'junior'	senior
<b>active</b>	BOOLEAN	true if active; false otherwise; should default to active.	true

team_quizzes			
Field	Data Type	Description	Example Data
<b>id (PK)</b>	INTEGER	The ID for this table (auto-increment)	2
<b>quiz_id (FK)</b>	INTEGER	The ID of the quiz associated with this entity	3
<b>team_id (FK)</b>	INTEGER	The ID of the team associated w/ entity	5
<b>raw_score*</b>	INTEGER	Raw team points, not including any n- person bonuses	140
<b>team_points</b>	INTEGER	A calculated field which converts raw score into points	14
<b>position*</b>	INTEGER	The set of benches (1, 2, or 3) that the team is assigned	1

users			
Field	Data Type	Description	Example Data
id (PK)	INTEGER	The ID for this table (auto-increment)	2
first_name*	STRING	The first name of the user	Megan
last_name*	STRING	The last name of the user	Cuda
status*	STRING	The role a user has; either 'admin', 'leader', or 'coach'	'coach'
organization_id (FK)	INTEGER	The ID of the organization the user is affiliated with	51
active	BOOLEAN	true if active; false otherwise; should default to active.	true
email*	STRING	The email of the user	mcuda@example.com
phone	STRING	The phone of the user	4122682323
password_digest*	STRING	The encrypted password of the user.	axfE39Jsi9pL
username*	STRING	The username of the user; must be unique	mcuda

\* Indicates a non-key attribute that is required. All primary and foreign keys are required.