




Mongoose schema v7



NN = Not Null




\_id: 1  
name: 'Syksy 19 megahaaste'  
pointsGoal: 9001  
releaseDate: 2019-07-20  
startDate: 2019-08-01  
endDate: 2019-11-30  
deadline: 2019-12-14  
seriesTitle: 'Pro series'  
pointBonus: 1  
organizers: [ 1, 5, 12 ]  
activities: [ 1, 2, 3, 4, 5, 6 ]

\_id: 2  
name: 'Syksy 19 megahaaste'  
pointsGoal: 9001  
releaseDate: 2019-08-20  
startDate: 2019-09-01  
endDate: 2019-11-30  
deadline: 2019-12-14  
seriesTitle: 'Latecomers'  
pointBonus: 1.2  
organizers: [ 1, 5, 12 ]  
activities: [ 7, 8, 9, 10 ]

Challenges			
	_id	objectId	NN
	name	string	NN
	pointsGoal	int	NN
	releaseDate	date	NN
	startDate	date	NN
	endDate	date	NN
	deadline	date	NN
	seriesTitle	string	
	pointBonus	decimal	NN
	organizers	objectId	NN
	activities	objectId	




\_id: 1  
name: 'Olli Organisoija'  
email: 'olli.organisoija@ambientia.com'  
password: (bcrypt hashed)  
location: 'Hämeenlinna'  
username: 'OlliTheMan'  
avatar: 101010100001111  
activeChallenge: 1

Users			
	_id	objectId	NN
	name	string	NN
	email	string	NN
	password	string	NN
	location	string	
	username	string	
	avatar	binData	
	activeChallenge	objectId	

Scores			
	_id	objectId	NN
	totalPoints	int	NN
	Challenge	objectId	NN
	User	objectId	NN




Koontitaulu, päivittyy suoritusmerkintöjen ohessa, ettei tarvitse laskea koko datasta.

Urheilusuoritukset

Workouts			
	_id	objectId	NN
	instances	[{}]	Instance NN
	date	date	NN
	amount	int	NN
	totalAmount	int	NN
	totalPoints	int	NN
	User	objectId	NN
	Activity	objectId	NN



\_id: 1  
instances: [ { date: 2019-06-30, amount: 5 }, { date: 2019-07-01, amount: 10 } ]  
totalAmount: 15  
totalPoints: 45  
User: 1  
Activity: 1

Ansaitut mitalit

Badges			
	_id	objectId	NN
	date	date	NN
	User	objectId	NN
	Achievement	objectId	NN

Pisteet lisätään Scores tauluun, kun mitali ansaitaan

Ratkaistava: missä logiikka sijaitsee, laskeeko frontti vai backend nämä?


Achievements			
	_id	objectId	NN
	name	string	NN
	requirement	int	NN
	pointsReward	int	NN
	Activity	objectId	NN

Merkittäessä urheilusuoritusta, lasketaan ylittykö saavutuksen pisteraja

\_id: 1  
name: 'Try New Things'  
requirement: 100  
pointsReward: 200  
Activity: 1

\_id: 2  
name: "Kettlebell Champion"  
requirement: 3000  
pointsReward: 500  
Activity: 1

Urheilulajit

Activities			
	_id	objectId	NN
	name	string	NN
	points	int	NN
	type	string	
	unit	string	
	description	string	
	url	string	

\_id: 1  
name: 'Kettlebell lifts - kahvakuulanosto'  
points: 3  
type: 'Weight training - lihaskuntoharjoitus'  
unit: '5 lifts / nostoa'  
description: 'Lift the kettlebell from ground level above your shoulders'  
url: 'http://youtube.com/watch?12345'