

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?

Merkittäessä urheilusuoritusta, lasketaan ylittyykö saavutuksen pisteraja

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

\_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'