

Party Guide - MongoDB Schema

Kako šema nije relacionala, nismo mogli napraviti ERD tako da smo se odlučili da na ovaj način dokumentiramo našu šemu.

Također, i ovdje smo naišli na otežavajuće okolnosti jer je moguće da da je neko polje objekta novi objekt, zato smo koristili subscheme koje opisuju taj objekat a kao tip tog polja smo naveli subschemu.

Iako s gledišta same baze nema relacija između kolekcija (modela), tj. nema mehanizama koji podržavaju to, neka polja se mogu odnositi na polja drugih modela što je važno s programerskog gledišta. To smo naglasili u opisu polja koja se odnosi na polja drugih modela sljedećom notacijom:

`ref {DrugiModul.polje_na_koje_se_odnosi}`

User(models/user.js)

Field name	Type	Schema options	Description
_id	ObjectId		Id of the User object. Auto-generated.
username	String	required	
email	String	required, match {EmailRegExp}	EmailRegExp is used to test is email valid.
password	String	required	Hash of user password
adminOf	[ObjectId]		ref {Bar._id}.
superadmin	Boolean		Opcionalno polje koje označava da li je user superadmin na stranici. Ukoliko je user superadmin ovo polje bi trebalo postojati i biti True.

Bar(models/bar.js)

Field name	Type	Schema options	Description
_id	ObjectId		Id of the Bar object. Auto-generated.
name	String	required	Name of the bar.
location	Bar.Location		
description	String		Optional description of the bar.
tags	[String]		Tags of the bar that describe it.

Subschema: Bar.Location

Field name	Type	Schema options	Description
address	String		Postal address of bar
geo	[Number]		Geo location ([<longitude>, <latitude>]) of bar.

Post(models/post.js)

Field name	Type	Schema options	Description
_id	ObjectId	Auto generated	Auto-generated. Id of the Post object.
barId	ObjectId	required	ref {Bar._id}
title	String	Required, max:100	Title of the post.
author	Post.Author	required	Author of the post.
text	String	maxlength:1000	
dateCreated	Date	Default: date when written	Date of the post.
date	Date		Date of the event(if event) announced in the post.

Subschema: Post.Author

Field name	Type	Schema options	Description
username	String	required	Username of the user who is the author.
userId	ObjectId	required	Id of the user who is the author.

Review(models/review.js)

Field name	Type	Schema options	Description
_id	ObjectId		Id of the Review object. Auto-generated.
barId	ObjectId	required	ref {Bar._id}
user	Review.User	required	User which wrote review
rate	Number	Required, min:1, max:5	
dateCreated	Date	default:Date.now	
comment	String		This is comment where users can write their opinion about bar.

Subschema: Review.User

Field name	Type	Schema options	Description
id	ObjectId	required	ref {User._id}
username	String	required	ref {User.username}