

SafeCity

Database model documentation

Created with Vertabelo.com

1. Model details

Model name: SafeCity

Version: 2.3

Database engine: MongoDB

2. Tables

2.1. Table country

2.1.1. Columns

Column name	Type	Properties	Description
id	ObjectId	PK	
country name	String		

2.2. Table city

2.2.1. Columns

Column name	Type	Properties	Description
id	ObjectId	PK	
city name	String		
country id	ObjectId		

2.3. Table client

2.3.1. Columns

Column name	Type	Properties	Description
id	ObjectId	PK	
first name	String		
last_name	String		
client address	String		
email	String		
password	String		
city id	ObjectId		

2.4. Table report

2.4.1. Columns

Column name	Type	Properties	Description
id	ObjectId	PK	
lat	Number		
lng	Number		
time created	Date		
report type id	ObjectId		
client id	ObjectId		
zone id	ObjectId		

2.5. Table report_type

2.5.1. Columns

Column name	Type	Properties	Description
id	ObjectId	PK	
type_name	String		

2.6. Table zone

2.6.1. Columns

Column name	Type	Properties	Description
id	ObjectId	PK	
insecurity_level	Number		
lat	Number		
lng	Number		

2.7. Table comments

2.7.1. Columns

Column name	Type	Properties	Description
id	ObjectId	PK	
title	String		
message	String		
likes	Number		
dislikes	Number		
voted by	[ObjectId]		
time created	Date		
client id	ObjectId		
zone id	ObjectId		

2.8. Table Reply

2.8.1. Columns

Column name	Type	Properties	Description
id	ObjectId	PK	
message	String		
time created	Date		
client id	ObjectId		
comments_id	ObjectId		

2.9. Table zone_status

2.9.1. Columns

Column name	Type	Properties	Description
id	ObjectId	PK	
status name	String		

2.10. Table zone_status_detail

2.10.1. Columns

Column name	Type	Properties	Description
id	ObjectId	PK	
weekday	String		
time	Date		
zone status id	ObjectId		
zone id	ObjectId		

3. Subject areas

3.1. Subject area Client

3.1.1. Tables

- country
- city
- client

3.1.2. Views

- country
- city
- client

3.1.3. References

- country
- city
- client

3.2. Subject area Zone

3.2.1. Tables

- zone
- zone_status
- zone_status_detail

3.2.2. Views

- zone
- zone_status
- zone_status_detail

3.2.3. References

- zone

- zone_status
- zone_status_detail

3.3. Subject area Report

3.3.1. Tables

- report
- report_type

3.3.2. Views

- report
- report_type

3.3.3. References

- report
- report_type

3.4. Subject area Comment

3.4.1. Tables

- comments
- Reply

3.4.2. Views

- comments
- Reply

3.4.3. References

- comments
- Reply