

Teammate 1: Sushmita Ravindranath Punneshetty (1001652846)
Teammate 2: Srihari Shastry (1001662267)

Project 2 Phase 1

Installation of mongo db:

```
MINGW64:/c/Users/Srihari
mon
Srihari@Srihari MINGW64 ~
$ mongo --version
MongoDB shell version v4.0.10
git version: c389e7f69f637f7a1ac3cc9fae843b635f20b766
allocator: tcmalloc
modules: none
build environment:
  distmod: 2008plus-ssl
  distarch: x86_64
  target_arch: x86_64
Srihari@Srihari MINGW64 ~
$ |
```

Data in mongoDB : Tool Used- MongoDB compass Community.

Teams Collection:

MongoDB Compass Community - localhost:27017/local.TEAMS

local.TEAMS

Documents Aggregations Explain Plan Indexes

DOCUMENTS 33 TOTAL SIZE 3.1KB AVG. SIZE 95B INDEXES 1 TOTAL SIZE 16.0KB AVG. SIZE 16.0KB

INSERT DOCUMENT VIEW LIST TABLE

Displaying documents 1 - 20 of 33

#	TEAMS	_id ObjectId	TeamID String	Team String	Continent String	League String
1		5d4495674c8d40578c3ba839	"A1"	"Russia"	"Europe"	"UEFA"
2		5d4495674c8d40578c3ba83a	"A2"	"Saudi Arabia"	"Asia"	"AFC"
3		5d4495674c8d40578c3ba83b	"A3"	"Egypt"	"Africa"	"CAF"
4		5d4495674c8d40578c3ba83c	"A4"	"Uruguay"	"South America"	"CONMEBOL"
5		5d4495674c8d40578c3ba83d	"B1"	"Portugal"	"Europe"	"UEFA"
6		5d4495674c8d40578c3ba83e	"B2"	"Spain"	"Europe"	"UEFA"
7		5d4495674c8d40578c3ba83f	"B3"	"Morocco"	"Africa"	"CAF"
8		5d4495674c8d40578c3ba840	"B4"	"Iran"	"Asia"	"AFC"
9		5d4495674c8d40578c3ba841	"C1"	"France"	"Europe"	"UEFA"
10		5d4495674c8d40578c3ba842	"C2"	"Australia"	"Australia"	"AFC"
11		5d4495674c8d40578c3ba843	"C3"	"Peru"	"South America"	"CONMEBOL"
12		5d4495674c8d40578c3ba844	"C4"	"Denmark"	"Europe"	"UEFA"
13		5d4495674c8d40578c3ba845	"D1"	"Argentina"	"South America"	"CONMEBOL"
14		5d4495674c8d40578c3ba846	"D2"	"Iceland"	"Europe"	"UEFA"
15		5d4495674c8d40578c3ba847	"D3"	"Croatia"	"Europe"	"UEFA"
16		5d4495674c8d40578c3ba848	"D4"	"Nigeria"	"Africa"	"CAF"
17		5d4495674c8d40578c3ba849	"E1"	"Brazil"	"South America"	"CONMEBOL"
18		5d4495674c8d40578c3ba84a	"E2"	"Scotland"	"Europe"	"UEFA"

Teammate 1: Sushmita Ravindranath Punneshetty (1001652846)
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Game Result collection:

MongoDB Compass Community - localhost:27017/local.RESULTS

Connect View Collection Help

My Cluster

4 DBS 12 COLLECTIONS

filter

admin

config

local

CARDS

EXTRAS

GOALS

OWN-GOALS

RESULTS

ROASTERS

STADIUMS

STARTING-LINEUP

SUBSTITUTES

TEAMS

startup_log

world-cup

localhost:27017 STANDALONE

MongoDB 4.0.10 Community

local.RESULTS

DOCUMENTS 65 TOTAL SIZE 10.1KB AVG. SIZE 159B INDEXES 1 TOTAL SIZE 16.0KB AVG. SIZE 16.0KB

Documents Aggregations Explain Plan Indexes

FILTER

INSERT DOCUMENT VIEW LIST TABLE

Displaying documents 1 - 20 of 65

#	TEAMS	_id	ObjectID	GameID	String	Groups	String	MatchDate	String	SID	String	TeamID1	String	Tea
1		5d4496d74c8e06578c3b0248	"G1"	"A"	"2018-06-14"	"S1"	"A1"							
2		5d4496d74c8e06578c3b0249	"G2"	"A"	"2018-06-15"	"S4"	"A3"							
3		5d4496d74c8e06578c3b024a	"G3"	"B"	"2018-06-15"	"S2"	"B3"							
4		5d4496d74c8e06578c3b024b	"G4"	"B"	"2018-06-15"	"S3"	"B1"							
5		5d4496d74c8e06578c3b024c	"G5"	"C"	"2018-06-16"	"S5"	"C1"							
6		5d4496d74c8e06578c3b024d	"G6"	"D"	"2018-06-16"	"S11"	"D1"							
7		5d4496d74c8e06578c3b024e	"G7"	"C"	"2018-06-16"	"S9"	"C3"							
8		5d4496d74c8e06578c3b024f	"G8"	"D"	"2018-06-16"	"S12"	"D3"							
9		5d4496d74c8e06578c3b0250	"G9"	"E"	"2018-06-17"	"S8"	"E3"							
10		5d4496d74c8e06578c3b0251	"G10"	"F"	"2018-06-17"	"S1"	"F1"							
11		5d4496d74c8e06578c3b0252	"G11"	"E"	"2018-06-17"	"S7"	"E1"							
12		5d4496d74c8e06578c3b0253	"G12"	"F"	"2018-06-18"	"S6"	"F3"							
13		5d4496d74c8e06578c3b0254	"G13"	"G"	"2018-06-18"	"S3"	"G1"							
14		5d4496d74c8e06578c3b0255	"G14"	"G"	"2018-06-18"	"S10"	"G3"							
15		5d4496d74c8e06578c3b0256	"G15"	"H"	"2018-06-19"	"S9"	"H3"							
16		5d4496d74c8e06578c3b0257	"G16"	"H"	"2018-06-19"	"S11"	"H1"							
17		5d4496d74c8e06578c3b0258	"G17"	"A"	"2018-06-19"	"S2"	"A1"							

Player collection:

MongoDB Compass Community - localhost:27017/local.ROASTERS

Connect View Collection Help

My Cluster

4 DBS 12 COLLECTIONS

filter

admin

config

local

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localhost:27017 STANDALONE

MongoDB 4.0.10 Community

local.ROASTERS

DOCUMENTS 737 TOTAL SIZE 172.7KB AVG. SIZE 240B INDEXES 1 TOTAL SIZE 20.0KB AVG. SIZE 20.0KB

Documents Aggregations Explain Plan Indexes

FILTER

INSERT DOCUMENT VIEW LIST TABLE

Displaying documents 1 - 20 of 737

#	TEAMS	_id	ObjectID	Team	String	TeamID	String	PlayerID	String	Position	String	FIFA Popular Name	String	Bi
1		5d4496b04c8e06578c3baf67	"Argentina"	"D1"	"1"	"GK"	"GUZMAN Nahuel"							
2		5d4496b04c8e06578c3baf68	"Argentina"	"D1"	"2"	"DF"	"MERCADO Gabriel"							
3		5d4496b04c8e06578c3baf69	"Argentina"	"D1"	"3"	"DF"	"TAGLIAFICO Nicolas"							
4		5d4496b04c8e06578c3baf6a	"Argentina"	"D1"	"4"	"DF"	"ANSALDI Cristian"							
5		5d4496b04c8e06578c3baf6b	"Argentina"	"D1"	"5"	"MF"	"BIGLIA Lucas"							
6		5d4496b04c8e06578c3baf6c	"Argentina"	"D1"	"6"	"DF"	"FAZZIO Federico"							
7		5d4496b04c8e06578c3baf6d	"Argentina"	"D1"	"7"	"MF"	"BANEGA Ever"							
8		5d4496b04c8e06578c3baf6e	"Argentina"	"D1"	"8"	"DF"	"ACUNA Marcos"							
9		5d4496b04c8e06578c3baf6f	"Argentina"	"D1"	"9"	"FW"	"HIGUAIN Gonzalo"							
10		5d4496b04c8e06578c3baf70	"Argentina"	"D1"	"10"	"FW"	"MESSI Lionel"							
11		5d4496b04c8e06578c3baf71	"Argentina"	"D1"	"11"	"MF"	"DI MARIA Angel"							
12		5d4496b04c8e06578c3baf72	"Argentina"	"D1"	"12"	"GK"	"ARPAVE Franco"							
13		5d4496b04c8e06578c3baf73	"Argentina"	"D1"	"13"	"MF"	"MEZA Maximiliano"							
14		5d4496b04c8e06578c3baf74	"Argentina"	"D1"	"14"	"DF"	"MASCERANO Javier"							
15		5d4496b04c8e06578c3baf75	"Argentina"	"D1"	"15"	"MF"	"LANZINI Manuel"							
16		5d4496b04c8e06578c3baf76	"Argentina"	"D1"	"16"	"DF"	"ROJO Marcos"							
17		5d4496b04c8e06578c3baf77	"Argentina"	"D1"	"17"	"DF"	"OTAPENDI Nicolas"							

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Starting Lineup collection:

MongoDB Compass Community - localhost:27017/local.STARTING-LINEUP

Connect View Collection Help

My Cluster localhost:27017 STANDALONE MongoDB 4.0.10 Community

local.STARTING-LINEUP DOCUMENTS 1.4k TOTAL SIZE 95.5KB AVG. SIZE 69B INDEXES 1 TOTAL SIZE 24.0KB AVG. SIZE 24.0KB

Documents Aggregations Explain Plan Indexes

FILTER OPTIONS FIND RESET ...

INSERT DOCUMENT VIEW LIST TABLE

Displaying documents 1 - 20 of 1409

#	TEAMS	_id	ObjectId	GameID	String	TeamID	String	PlayerID	String
1		5d44968f4c8e06578c3ba9d9		"G1"		"A1"		"1"	
2		5d44968f4c8e06578c3ba9da		"G1"		"A1"		"2"	
3		5d44968f4c8e06578c3ba9db		"G1"		"A1"		"3"	
4		5d44968f4c8e06578c3ba9dc		"G1"		"A1"		"4"	
5		5d44968f4c8e06578c3ba9dd		"G1"		"A1"		"5"	
6		5d44968f4c8e06578c3ba9de		"G1"		"A1"		"6"	
7		5d44968f4c8e06578c3ba9df		"G1"		"A1"		"7"	
8		5d44968f4c8e06578c3ba9e0		"G1"		"A1"		"8"	
9		5d44968f4c8e06578c3ba9e1		"G1"		"A1"		"9"	
10		5d44968f4c8e06578c3ba9e2		"G1"		"A1"		"10"	
11		5d44968f4c8e06578c3ba9e3		"G1"		"A1"		"11"	
12		5d44968f4c8e06578c3ba9e4		"G1"		"A2"		"12"	
13		5d44968f4c8e06578c3ba9e5		"G1"		"A2"		"13"	
14		5d44968f4c8e06578c3ba9e6		"G1"		"A2"		"14"	
15		5d44968f4c8e06578c3ba9e7		"G1"		"A2"		"15"	
16		5d44968f4c8e06578c3ba9e8		"G1"		"A2"		"16"	
17		5d44968f4c8e06578c3ba9e9		"G1"		"A2"		"17"	
18		5d44968f4c8e06578c3ba9ea		"G1"		"A3"		"18"	

Goals collection:

MongoDB Compass Community - localhost:27017/local.GOALS

Connect View Collection Help

My Cluster localhost:27017 STANDALONE MongoDB 4.0.10 Community

local.GOALS DOCUMENTS 158 TOTAL SIZE 15.0KB AVG. SIZE 97B INDEXES 1 TOTAL SIZE 16.0KB AVG. SIZE 16.0KB

Documents Aggregations Explain Plan Indexes

FILTER OPTIONS FIND RESET ...

INSERT DOCUMENT VIEW LIST TABLE

Displaying documents 1 - 20 of 158

#	TEAMS	_id	ObjectId	GameID	String	TeamID	String	PlayerID	String	Time	String	Penalty	String
1		5d44978c4c8e06578c3bb296		"G1"		"A1"		"8"		"12"		"N"	
2		5d44978c4c8e06578c3bb297		"G1"		"A1"		"6"		"43"		"N"	
3		5d44978c4c8e06578c3bb298		"G1"		"A1"		"22"		"71"		"N"	
4		5d44978c4c8e06578c3bb299		"G1"		"A1"		"6"		"90+1"		"N"	
5		5d44978c4c8e06578c3bb29a		"G1"		"A1"		"13"		"90+4"		"N"	
6		5d44978c4c8e06578c3bb29b		"G2"		"A4"		"2"		"89"		"N"	
7		5d44978c4c8e06578c3bb29c		"G4"		"B1"		"7"		"4"		"Y"	
8		5d44978c4c8e06578c3bb29d		"G4"		"B1"		"7"		"44"		"N"	
9		5d44978c4c8e06578c3bb29e		"G4"		"B1"		"7"		"88"		"N"	
10		5d44978c4c8e06578c3bb29f		"G4"		"B2"		"19"		"24"		"N"	
11		5d44978c4c8e06578c3bb2a0		"G4"		"B2"		"19"		"55"		"N"	
12		5d44978c4c8e06578c3bb2a1		"G4"		"B2"		"4"		"58"		"N"	
13		5d44978c4c8e06578c3bb2a2		"G5"		"C1"		"7"		"58"		"Y"	
14		5d44978c4c8e06578c3bb2a3		"G5"		"C2"		"15"		"62"		"Y"	
15		5d44978c4c8e06578c3bb2a4		"G6"		"D1"		"19"		"19"		"N"	
16		5d44978c4c8e06578c3bb2a5		"G6"		"D2"		"11"		"23"		"N"	
17		5d44978c4c8e06578c3bb2a6		"G7"		"C4"		"28"		"59"		"N"	
18		5d44978c4c8e06578c3bb2a7		"G8"		"D3"		"19"		"71"		"Y"	