

Database Manangement System
Assingment-1
Report

Dictionary Database Using Mysql/Mariadb and
Connection with Server

UDIT
21010107
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1 Introduction

1.1 Overview

A database connection is a facility in computer science that allows client software to talk to database server software, whether on the same machine or not. A connection is required to send commands and receive answers, usually in the form of a result set.

1.2 Software Used

1. Apache server
2. Php
3. Browser
4. Kali-Linux / Windows

Dictionary Database Using Mysql / MariaDb and Connection with Server Dictionary Database is made by using Mysql

Connection is established by using apache on localhost in browser with connection.php and index.php file and further data is fetched.

2 Assumptions in Database

Database Contain seven entities

words
Lang
Pos
Liventity
Mean
Synonyms
Antonymms

Image is stored in liventity table using longblob datatype and loadfile function.

Datatype for storing Different languages in table is nvarchar().

2.1 Words

Words input in database are 20

Plethora , Degust, Defunct

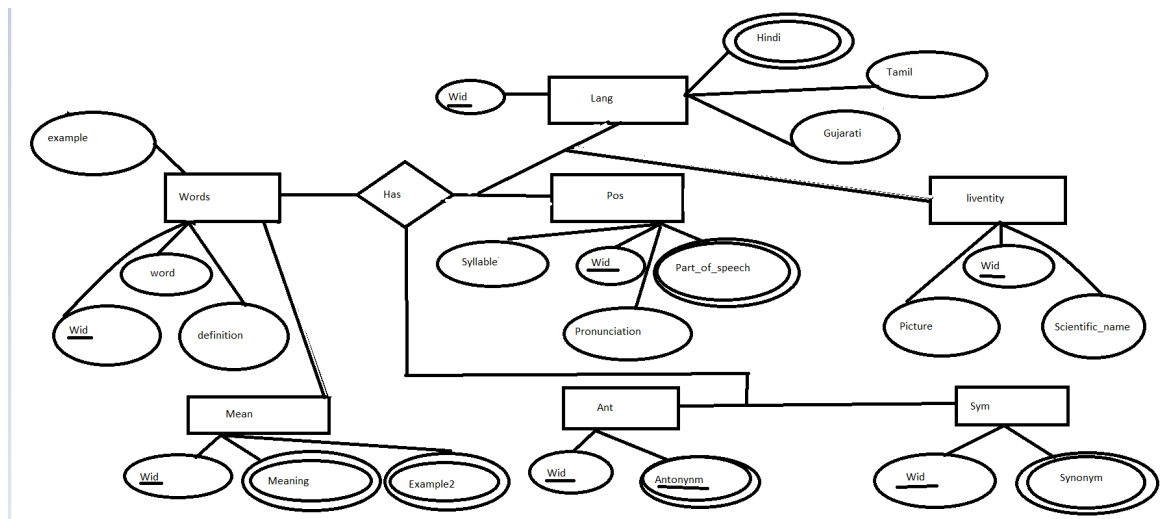
Dog , Cat , Lion ,

Goat , sahara , Polo , Thar Scorpion , Everest , adulation ,Articulate,

Candor , conducive ,Egregious , Entail , Facilitate, Novel

3 Structure used in Database

3.1 E-R Diagram



3.2 Tables

```
mysql> desc words;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| wid   | int  | NO   | PRI | NULL    |       |
| word  | varchar(50) | NO   |     | NULL    |       |
| definition | varchar(500) | NO   |     | NULL    |       |
| example | varchar(500) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)

mysql> desc lang;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| wid   | int  | NO   | MUL | NULL    |       |
| Hindi | varchar(100) | YES  |     | NULL    |       |
| Tamil | varchar(100) | YES  |     | NULL    |       |
| Gujarati | varchar(100) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)

mysql> desc pos;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| wid   | int  | NO   | MUL | NULL    |       |
| Part_of_speech | varchar(50) | YES  |     | NULL    |       |
| syllable | varchar(20) | YES  |     | NULL    |       |
| pronunciation | varchar(20) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> desc liventy;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| wid   | int  | NO   | PRI | NULL    |       |
| Pic   | longblob | YES  |     | NULL    |       |
| Scientific_name | varchar(50) | YES  |     | NULL    |       |
| audio_pr | longblob | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> 
```

```
mysql> desc pos;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| wid   | int  | NO   | MUL | NULL    |       |
| part_of_speech | varchar(50) | YES | NULL | NULL    |       |
| syllable | varchar(20) | YES | NULL | NULL    |       |
| pronunciation | varchar(20) | YES | NULL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> desc liventivity;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| wid   | int  | NO   | PRI | NULL    |       |
| Pic   | longblob | YES | NULL | NULL    |       |
| Scientific_name | varchar(50) | YES | NULL | NULL    |       |
| audio_pr | longblob | YES | NULL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select * from words;
+-----+-----+-----+-----+
| wid | word | definition | example |
+-----+-----+-----+-----+
| 1 | Plethora | excess or large amount | The boy has plethora of books in his collection |
| 2 | Degust | eat slowly | Sushant degusted the incredible cake |
| 3 | Defunct | no longer existing or functioning | Funky clothes from 90s are now defunct |
| 4 | Dog | a domesticated carnivorous mammal | Dog and cat are best pet animals |
| 5 | Cat | domestic Species of small carnivore | Cat is drinking milk |
| 6 | Lion | large carnivore | lion is symbol of strength and power |
| 7 | Goat | small herbivore mamal | Milk of goat is very expensive |
| 8 | sahara | world's largest desert | sahara is in Africa continent |
| 9 | Thar | Indian desert in Rajiasthan | Thar suv name is inspired from indian desert |
| 10 | Polo | horse game played like hockey | Polo sports originited from manipur india |
| 11 | Scorpion | predatory arachnids | Scorpions are poisonous |
| 12 | Everest | A mountain range in Asia | Everest is highest mountain in world |
| 13 | adulation | excessive admiration or praise | Executive thrived on the adulation of his scheming secretary |
| 14 | Articulate | refer to a person who can speak clearly | articulate presenters at the IncubatorCTX Speaker |
| 15 | Candor | honesty or being truthful | I appreciate my professor candor regarding my paper |
| 16 | conducive | help | Concordia small class sizes are conducive to class discussions |
| 17 | Egregious | extremely bad or horrifying | we studied the egregious acts of dictators |
| 18 | Entail | to involve | On completion of the degree entails coursework exams and presentations |
| 19 | Facilitate | make easier | Professors real-world examples facilitate my comprehension |
| 20 | Novel | new and innovative | classrooms offer a novel approach to learning |
+-----+-----+-----+-----+
20 rows in set (0.01 sec)
```

	wid	Hindi	Tamil	Gujarati
▶	1	अधकत	அபரமதம	ઠડક બબતમ નકમ અતશયત ક વપલત
	1	डेर सारे	NULL	NULL
	1	बहुतापत	NULL	NULL
	1	रक्त की अधिक वृद्धि	NULL	NULL
	2	धर धर खए	மகழங்கள	ધમ ધમ ખખી
	3	अब मजद नह ह	இன் இலல	કવ અસંતવમ નથ
	4	कतत	நய	કતર
	4	नीच	NULL	NULL
	4	शूर	NULL	NULL
	5	बलत	பண	બલડ
	6	शर	சமகம	કસર
	6	सिंह	NULL	NULL
	7	बकर	வள்ளு	બકર
	7	बनकर राशी	NULL	NULL
	8	सहर	சஹர	સહર
	9	धर	தர	થર
	10	पल	பல	પલ
	11	बघछ	தள	વછ
	12	एवरसट	எவரஸ்ட	એવરસટ
	13	मनहर	பகழ்ச்ச	વખણ
	14	सपषट	வளப்படதத	સપષટ
	15	सपषटवदत	நரம	નખલસંત
	16	परवहकय	கடததம	વહક
	17	परबल	அரவரப்பண	પરબલ
	18	आवशायक	எண்டல	એનટલ
	19	आसन करन	வசத	સવડ કસવ

lang 2 x

27 rows in set (0.01 sec)

mysql> select * from symm;

wid	symm
1	deluge
1	superfluity
2	taste
2	savour
3	vanished
3	dead
4	mutt
4	fido
5	malkin
5	tabby
6	leo
6	wildcat
7	billy
7	buck
8	solitude
8	lava bed
9	wilderness
9	desolate
10	tunic
10	sark
11	tick
11	mite
12	Sagarmatha
12	Goddess of valley
13	aplause
13	flattery
14	comprehensible
14	coherent
15	unequivocalness
15	sincerity
16	promotive
16	contributive
17	nefarious
17	scandalous
18	evoke
18	necessitate
19	simplify
19	ease
20	innovate
20	funky

40 rows in set (0.01 sec)

mysql> _

wid	antm
1	lack
1	few
1	less
2	fast eat
3	exists
3	abundant
4	NULL
5	NULL
6	NULL
7	NULL
8	NULL
9	NULL
10	NULL
11	NULL
12	NULL
13	condemnation
14	inarticulate
15	deceit
16	harmful
17	good
18	untangle
19	difficult
19	hard
20	old
20	orthodox

25 rows in set (0.00 sec)

mysql> _

wid	Part_of_speech	syllable	pronunciation
1	Noun	pleth-o-ra	/pleθere/
2	Verb	de-gust	sI .e.bI
3	Adjective	de-funct	dIfAnkt
4	Noun	dog	d??
4	Verb	NULL	NULL
5	Noun	cat	kAt
6	Noun	Ly-and-uhn	la??n
7	Noun	goat	???t
7	Adjective	NULL	NULL
8	Noun	Sa-ha-ra	s??h??r?
9	Noun	thar	tHaar
10	Noun	po-lo	po?.lo?
11	Noun	SKAW+pee+uhn	sk??r.pi.?n
12	Noun	Ev-er-est	ev?.r?st
13	Verb	ad-u-la-tion	æd?.??le?.??n
14	Adjective	ar-tic-u-late	???tk.j?.l?t
15	Adjective	can-dor	kæn.d?
16	verb	con-duc-tiv	k?n?d?k.t?v
17	Adjective	Egar-gi-ous	???ri?.d??s
18	Verb	En-tal	???ri?.d??s
19	Adjective	fac-li-tate	f??s?l?.te?t
20	Adjective	no-val	n??v?l
20	Noun	NULL	NULL

23 rows in set (0.00 sec)

mysql> _

```
20 | Adjective | no-val | nrf.vf1 |
20 | Noun | NULL | NULL |
-----
23 rows in set (0.00 sec)

mysql> select * from mean;
-----
wid | meaning2 | example2
-----
1 | excess of blood in the circulatory system | he is havin plethora in hand
2 | NULL | NULL
3 | NULL | NULL
4 | to follow somebody closely | A shadowy figure was dogging their every move
5 | member of a touring int rugby team | lion are in rugby team in us
6 | Greatest Of All Time | PM modi one of GOAT
7 | NULL | NULL
8 | NULL | NULL
9 | NULL | NULL
10 | NULL | NULL
11 | NULL | NULL
12 | star sign | scorpin is clearly visible in sky clearly
13 | NULL | NULL
14 | NULL | NULL
15 | Kindliness | Candor is an important virtue in life
16 | NULL | NULL
17 | NULL | NULL
18 | NULL | NULL
19 | NULL | NULL
20 | long Reading Book | Ram is reading a famous novel.
-----
20 rows in set (0.00 sec)

mysql>
```

3.3 Output

Shoot Da Order (Original) - Jagpal Saihow to represent foreign key in er - GlocalhostU Dictionary

http://localhost

UDIT DICTIONARY

Word

Submit

Word results :

Word : Lion

Syllable : Ly-and-uhn

Pronunciation: laɪən

Meaning : large carnivore

: Greatest Of All Time

Scientific Name : Panthera leo

Part of Speech : Noun

Example : lion is symbol of strength and power

: PM modi one of GOAT

Synonyms : leo

: wildcat


Antonym :

In other Languages:

Hindi : शेर

Tamil : சிங்கம்

Gujarati : શર



0.1 KBps0.1 KBps

15°C Mostly cloudy

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