

DECEMBER 8, 2022

# PAWSOME PETS

STEP 3:  
PHYSICAL

CAMERON HALLETT

# Code

- [HTTPS://GITHUB.COM/HALLETT/DatabaseFinal\\_Hallett/](https://github.com/HALLETT/DatabaseFinal_Hallett/)

Note: Database.py contains the code to create the database, fill and print the tuples, and perform the queries. They are labeled with comments, please feel free to comment portions to see that individual pieces work.

## Filled Tables

Exam Table								
	examNo	complaint	description		dateSeen	actions	petNo	staffNo
0	3346	Biting	Will not stop biting owner		20221207	Suggested relocating to Zoo	2291	9087
1	4467	Fleas	Constantly itchy		20221206	Bath, flea treatment	2234	2347
2	3347	Limping	Fell off of a bed		20221201	Put in cast	9783	2347
3	9813	Panting	Seems constantly thirsty/hot		20221203	IV fluids	923	3490
4	4597	Deaf?	Not responding to audio/voices		20221128	Confirmed deaf, sent patient with literature	7789	3456

Pet Table								
	petNo	petName	petDOB	species	breed	color	ownerNo	clinicNo
0	7789	Valentinas	20170918	DOG	SHEEPADOODLE	BLACK/BROWN	3698	11
1	923	Dionysius	20160815	DOG	WHEATEN TERRIER	TAN	9856	40
2	9783	Mattanyahu	20100118	RABBIT	HOPPING	WHITE	2348	11
3	2234	Iudris	20190309	BIRD	PARROT	RAINBOW	87349	3
4	2291	Mina	20210901	CAT	LION	TAN	9855	6

Owner Table					
	ownerNo	ownerName	ownerAddress	ownerTele	clinicNo
0	3698	Ankica Godric	7966 Logan Road Miami, FL 33172	0096709807	11
1	9856	Kamila Paulus	958 S. Acacia Rd. Fort Lauderdale, FL 33334	8956768907	40
2	2348	Savitr Valerius	8724 Chapel St. North Miami Beach, FL 33160	9987609807	11
3	87349	Sabine Sherali	9751 Whitmarsh Rd. Miami, FL 33161	0745610807	3
4	9855	Kyoko Peace	9906 E. Liberty Drive Hialeah, FL 33015	0109689807	6

Staff Table								
	staffNo	staffName	staffAddress	staffTele	staffDOB	position	salary	clinicNo
0	3456	John Smith	1249 Some St. Miami, FL	0019009807	20021023	Manager	99999.0	11
1	3490	Jane Smith	134 A St. Miami, FL	0019068907	20020921	Manager	99999.0	40
2	3426	Sam Wang	34 Long St. Miami, FL	2367009807	20011223	Greeter	38000.0	11
3	9087	Sally Johansson	145 Tongue St. Miami, FL	0015890807	19981013	Trainer	106000.0	3456
4	2347	Thomas France	1 Short St. Miami, FL	0019009807	19610121	Surgeon	200000.0	11

#### Clinic Table

	clinicNo	clinicName	clinicAddress	clinicTele	managerNo
0	1	Happy Pets	111 Pet Haven Rd. Miami, FL	0019909807	NaN
1	3	Happy Dogs	123 PetTopia Rd. Miami, FL	1219880907	NaN
2	40	Happy Cats	238 Purr Rd. Miami, FL	0017899807	3490.0
3	6	Happy Birds	1111 Chirp Rd. Miami, FL	0010949807	NaN
4	11	Happy Lizzards	1121 Scale Rd. Miami, FL	0019348807	3456.0

## Queries (Modified from Step 2)

How many pets are registered at the clinic at 1121 Scale Rd. Miami, FL?

Answer:

	numberOfPets
0	2

What pet is being seen during exam 3346 (return all info)?

Answer:

	petNo	petName	petDOB	species	breed	color	ownerNo	clinicNo
0	2291	Mina	20210901	CAT	LION	TAN	9855	6

What is the telephone number of the manager of Clinic 0040?

Answer:

	staffTele
0	0019068907

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Who is the owner of pet 923?
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Answer:
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```
    ownerName
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0  Kamila Paulus
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Get the information of the person examining pet 9783.
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Answer:
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	staffNo	staffName	staffAddress	staffTele	staffDOB	position	salary	clinicNo
0	2347	Thomas France	1 Short St. Miami, FL	0019009807	19610121	Surgeon	200000.0	11

## Additional Documentation

This software was developed in Python using the SQLite 3 library. The code is based off of sample code provided by Dr. Vanessa Aguiar of the University of Miami for the purpose of developing this project. No known license exists on the software at this time. Additionally, some of the names and addresses were randomly generated using online tools, cited at the bottom of this report.

The database developed and presented herein was designed to meet the specifications laid out by Pawsome Pets. These specifications will not be included in this report or in the GitHub repository due to potential permissions conflicts.

This report is the culmination of a three part development process encompassing the conceptual, logical, and physical aspects of database development, respectively.

## References:

Campbell, M. (1996). *Random name generator*. Behind the Name. Retrieved December 8, 2022, from <https://www.behindthename.com/random/>

Random Lists. (2013). *Florida address generator - random addresses*. Florida Address Generator. Retrieved December 8, 2022, from <https://www.randomlists.com/florida-address>