

Week 2 Assignment: Enhancing the Pawesome Pet Services Database

New Attempt

- Due May 3 by 11:59pm
- Points 25
- Submitting a text entry box, a website url, a media recording, or a file upload
- File Types png

Objective

This week, you'll focus on modifying and expanding the Pawesome Pet Services database to accommodate new business needs. By completing this assignment, you'll practice altering existing tables, creating new tables, establishing relationships between them, and populating tables with data. You'll also learn how to represent the database visually using an ERD.

Scenario

Pawesome Pet Services is growing rapidly, and the business wants to streamline their database to better manage their services, appointments, and pet details. After receiving feedback from the team, the following changes are needed:

1. Remove outdated or unnecessary columns.
2. Add new tables to better organize data.
3. Restructure tables to reflect accurate relationships and improve scalability.

Your task is to implement these changes in MySQL Workbench.

Instructions:

1. Tasks in MySQL Workbench:

- **Drop the service column from the Appointments table:**
The business has decided to track services in a separate table.
- **Drop the breed and species columns from the Pets table:**
These attributes will now be tracked in a dedicated Breeds table.
- **Create a new table called Services:**
This table will list all available services and their descriptions.
- **Create a many-to-many relationship between Services and Appointments:**
Use a join table (e.g., AppointmentServices) to link these tables.
- **Create a new table called Breeds:**
This table will list all pet breeds and their species.
- **Create a one-to-many relationship between Pets and Breeds:**
Link each pet to its corresponding breed using a foreign key.
- **Populate all tables with at least 4 rows of realistic data:**
Ensure that the new tables are populated so they can be used for queries.

2. Deliverables:

- **Entity-Relationship Diagram (ERD):**

Use the MySQL Workbench to generate an ERD that shows the updated database schema with relationships.

- **3-5 Minute Video:**

Record a video explaining:

- The changes you made to the database.
- Why you made those changes based on the business scenario.
- Any challenges you faced during the process.

Paper Rubric							
Criteria	Ratings						Pts
Grammar Number of grammatical errors	5 pts 100% No grammar errors	4 pts 80% 1-2 grammar errors	3 pts 60% 3-4 grammar errors	2 pts 40% 5-6 grammar errors	1 pts 20% More than 6 grammar errors	0 pts 0% Written without regard to correct grammar	5 pts
Content Topic Coverage Content covers related commands and topics comparatively	10 pts 100% Cover full set of topics	8 pts 80% Covers good subset of related topics	6 pts 60% Covers only some or few of the related topics	4 pts 40% Covers only 1-2 related topics	2 pts 20% Covers only one topic	0 pts 0% Fails to adequately cover one topic	10 pts
Integration Integration of concepts into a new perspective on related commands and topics	10 pts 100% Demonstrates full integration or understanding of all of the comparative concepts	8 pts 80% Demonstrates integration or understanding of 4-5 related concepts	6 pts 60% Demonstrates integration or understanding of 3-4 related concepts	4 pts 40% Demonstrates integration or understanding of 1-2 related concepts	2 pts 20% Demonstrates integration or understanding of at least one concepts	0 pts 0% Fails to demonstrates integration or understanding of at least one concept	10 pts
							Total Points: 25