

For this project, I focused on creating a database system for a dog walking and grooming business, specifically the Dog House Spa located at 24 E 97th St, New York, NY 10029. To ensure the system was relevant and useful, I interviewed the owner, Alon, who provided valuable insights into how the business operates.

During the interview, Alon explained that the core of the business revolves around customer satisfaction, pet care, and employee scheduling. Based on this, I identified the essential entities needed to track and manage these aspects of the business. The data needed for each entity became clear during the conversation, and I was able to translate that into the database structure I created.

From Alon's input, I learned that tracking customer information, including names, contact details, and addresses, was crucial for managing appointments and ensuring the business could reach out to clients easily. He also mentioned that the pets are a central part of the business, which led me to create a table to store details about each pet, including breed, age, and health conditions.

Alon also shared that keeping track of employee schedules was essential, especially because the business relies on multiple employees performing various tasks (like walking and grooming). I built a table for employees, which includes their role and schedule, to ensure the business could effectively manage staffing.

Additionally, the interview revealed the importance of clearly defined services offered by the business. Alon explained that having a range of services, like different dog walking durations and grooming options, needed to be tracked in the system, along with their corresponding prices. This made it clear that I needed a services table.

The final key component of the system was appointments and payments. Alon emphasized that managing appointments efficiently was crucial for the day-to-day operation of the business, as it would allow the team to stay organized and avoid scheduling conflicts. I designed the appointment table to include links to the customer, employee, and service tables. Payments were also a major focus, as the business needed a way to track all transactions and ensure that each service rendered was properly billed.

Based on Alon's feedback, I structured the database to focus on these core business operations, ensuring the system was both practical and aligned with the business's needs. The project allowed me to apply these insights into a functional database design, helping the Dog House Spa keep its operations running smoothly.