Genesis Grant

CTEC 226-101

Introduction to Database Development

Database Design Project Report

1. **Introduction**
2. My business name is Gigi’s Lash Bar. I am a lash technician specializing in different types of lash extension styles geared to fit each unique eye! I began in February of 2022, practicing on my dorm roommate with set durations being 6+ hours. With the patience of my friends and lots of practice, I am a self-employed lash tech with over 50+ clients and an average set duration of 2.5 hours. Because I am a sole proprietor, I am in charge of keeping track of my clients, their information such as phone numbers, card information, any health concerns I must be aware of, etc. as well as inventory of my tools and products.
3. Business Rules:
   1. Each client must enter a phone number.
   2. Each client must enter an email address.
   3. Each client must enter their card information.
   4. Each client is assigned to one lash artist (me), but I have multiple clients.
   5. Certain promotional codes will give clients $10 off their first appointments.
   6. Each client will have one appointment in a day, but the lash artist can have multiple appointments.
4. **Project Timeline** 
   * 1. 2/10/22 - Conceptual Model
     2. 2/13/22 - Physical Model
     3. 2/20/22 - Began Access Template (tables, client info, access data and records saved, relationships, )
     4. 3/1/22 - Queries created.
     5. 3/10/22 - Reports and Forms created.
     6. 3/14/22 - Final checks, overview and information submitted.
5. **Conceptual Model** 
   1. For my business I will use 4 tables labeled Clients, Inventory, Inventory Vendors and Services. Clients will host records including Client ID, first name, last name, cell phone, email, health concerns, last 4 digits of their card information, card company, next appt service and next appt cost. Inventory will include information like inventory id, item name and if it is in stock or not. Inventory vendor will host vendor id, vendor name, items, and vendor website. Finally services will contain service id, service name and its cost.

Each service has one cost but each client can apply different services to their appointments. Inventory and Inventory vendor will both contain item information, but in inventory each item is displayed individually while inventory vendor can join together items that are bought together. Each client will have their individual information listed once.

1. **Physical Model**

Diagram

Description automatically generated