Conner, Sammy, and Taeyun
Pharmacy Database Project Proposal
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 Our database is about the pharmaceutical industry. It will include information about chains of pharmacies, pharmacie locations, employees, customers, drugs, drug manufacturers and other relevant information. There will be four potential types of users of this database: the pharmacy employees in charge of filling prescriptions, doctors that need the medical history of their clients, clients that are looking for new doctors or medications and employers that can manage employees. This database will be useful for prescription fillers by telling them what their customer needs, and what they have taken before. Special needs of the customers will also be mentioned in case of an allergy or other problems that prevents a customer from taking a certain drug. The database will also contain a list of diseases or conditions that will be connected to the customers to show their medical history, making the prescription process easier and safer. Detailed information on the drugs available will also be provided, such as the drug's market price, recommended dosage, active ingredients and side effects so that the users of the database can make more informed decisions. Information about the customers' doctors will also be included, to prevent non-valid prescriptions from being filled, incase a customer tries getting access to a drug that they were not prescribed. A username and password table will also be provided to keep track of the information for all possible users including pharmacists, doctors and customers/clients. If this database were to be implemented in full, each of these types of users would have different degrees of access. When testing this database we will be using fictional, but realistic data for doctors, customers, employees, and some of the other tables.