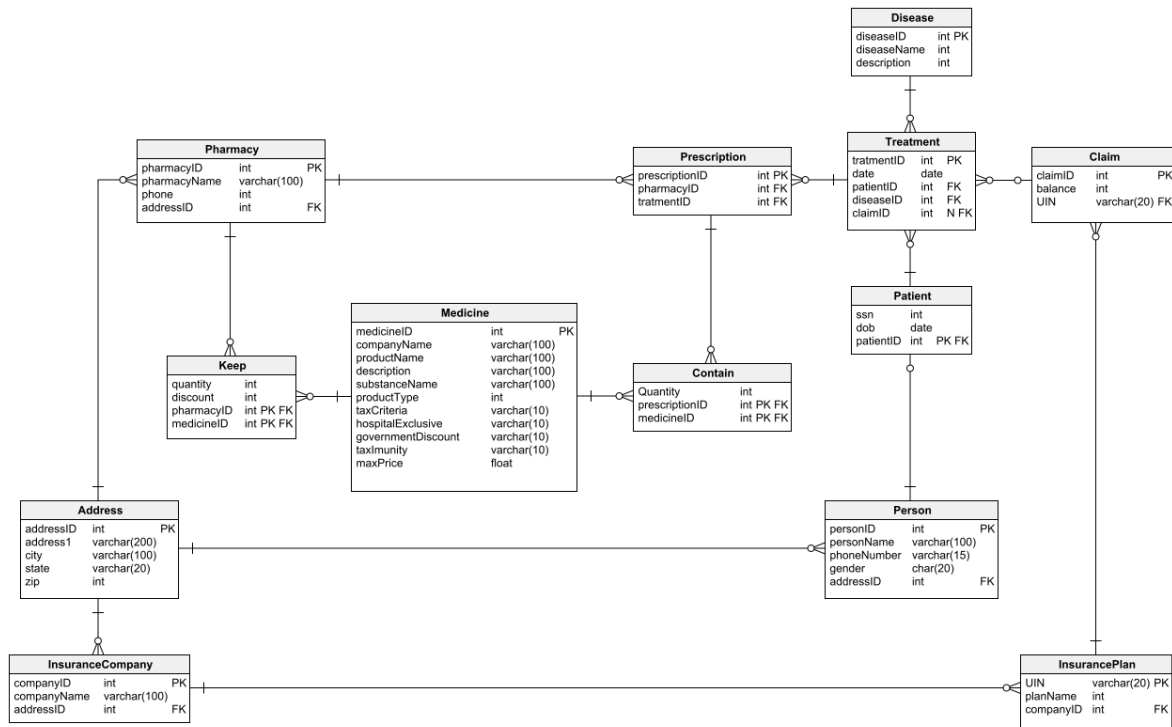# PROJECT

SQL Stored routines

Database schema:

Problem Statement 1:

Patients are complaining that it is often difficult to find some medicines. They move from pharmacy to pharmacy to get the required medicine. A system is required that finds the pharmacies and their contact number that have the required medicine in their inventory. So that the patients can contact the pharmacy and order the required medicine.

Create a stored procedure that can fix the issue.

Problem Statement 2:

The pharmacies are trying to estimate the average cost of all the prescribed medicines per prescription, for all the prescriptions they have prescribed in a particular year. Create a stored function that will return the required value when the pharmacyID and year are passed to it. Test the function with multiple values.

Problem Statement 3:

The healthcare department has requested an application that finds out the disease that was spread the most in a state for a given year. So that they can use the information to compare the historical data and gain some insight.

Create a stored function that returns the name of the disease for which the patients from a particular state had the most number of treatments for a particular year. Provided the name of the state and year is passed to the stored function.

Problem Statement 4:

The representative of the pharma union, Aubrey, has requested a system that she can use to find how many people in a specific city have been treated for a specific disease in a specific year.

Create a stored function for this purpose.

Problem Statement 5:

The representative of the pharma union, Aubrey, is trying to audit different aspects of the pharmacies. She has requested a system that can be used to find the average balance for claims submitted by a specific insurance company in the year 2022.

Create a stored function that can be used in the requested application.