Insurance Database Project Documentation

Introduction:

This documentation provides insights into the design, entities, relationships, and assumptions made for the Insurance Database Project. The database is designed to model an insurance company's operations and services.

Entities and Attributes:

Company: Branch_ID, No_of_Employees, City, Zipcode

Agent: Agent_ID, Email, Name, Phone_no, Branch_ID

Customer: Customer_ID, DoB, Name, Phone_no, Email, Policy_type, City, Zipcode, Agent_ID

Payment: Bank_acc_no, Billing_ID, Payment_date, Amount, Customer_ID

Policy: Policy_no, Tenure, Start_date, End_date, Premium, Coverage, Branch_ID

Claim: Claim_ID, Amount_issued, Status, Issued_date, Billing_ID

Health: Health_ID, Medical_history, Associated_hospital, Treatment_insured, Policy_no

Car: Car_no, Model, Registration_year, Policy_no

Home: Home_no, Type, City, Zipcode, Year_built, Area, Policy_no

Assumptions and Design Decisions:

- Each agent is associated with a single branch.

- A customer can purchase multiple insurance policies.

- Each policy is linked to a specific branch.

- Claims are linked to a billing ID, which in turn is associated with a payment.

- Health, Car, and Home are subtypes of policies, each with its specific attributes.

- A customer's policy details are maintained in the Cust_Policy table, capturing the many-to-many relationship.

- The relationship between claims and policies is captured in the Claim_Policy table.