**Database Topic**

Healthcare Insurance Management System

**Mission Statement:**

* The purpose of the database is to maintain the data used to generate and support patient's (customer) insurance based on the treatment received
* Its mission is to promote an easier way to manage policy details,policy holder details,agent ,claimant details and other payment details
* It will be used by administrative staff only with no duplication

**Mission Objectives:**

The main objective is to automate the Health Care Insurance System which inturn reduces data redundancy, eliminates delay in report generation,facilitates faster search operations - thereby giving assurance to the policy holders with regards to data privacy and security.

The following are the CRUD operations that could be performed: (The entities need not have delete operation: You just must mark them with some flag and still have them in the database. Say for e.g., you need to remove a policy, in policy table you should have that policy’s status as “terminated” and still have it in the DB. Similar for all other entities.)

* To maintain (enter, update, delete) data on users (Customers, doctors and agents).
* To maintain (enter, update, delete) data on customer.
* To maintain (enter, update, delete) data on agent details.
* To maintain (enter, update, delete) data on insurance type.
* To maintain (enter, update, delete) data on doctor.
* To maintain (enter, update, delete) data on diseases.
* To maintain (enter, update, delete) data on premiums.
* To maintain (enter, update, delete) data on claims.
* To maintain (enter, update, delete) data on transactions.
* To maintain (enter, update, delete) data on policy.
* To maintain (enter, update, delete) data on hospital.
* To maintain (enter, update, delete) data on claim processing status.
* To maintain (enter, update, delete) data on payment.
* To maintain (enter, update, delete) data on medical records.
* To maintain (enter, update, delete) data on immunization.
* To Perform searches on users.
* To Perform searches on customer.
* To Perform searches on agent details.
* To Perform searches on insurance type.
* To Perform searches on doctor.
* To Perform searches on diseases.
* To Perform searches on premiums.
* To Perform searches on claims.
* To Perform searches data on transactions.
* To Perform searches on policy.
* To Perform searches on hospital.
* To Perform searches on claim processing status.
* To Perform searches on payment.
* To Perform searches on medical records.
* To Perform searches on immunization.
* To track the premium paid
* To track claims paid
* To track most popular plan
* To track most popular plan
* To track age group of customers
* To Report searches on customer
* To Report searches on insurance type.
* To Report searches on doctor.
* To Report searches on diseases.
* To Report searches on premiums.
* To Report searches on claims.
* To Report searches data on transactions.
* To Report searches on policy.
* To Report searches on hospital.
* To Report searches on claim processing status.
* To Report searches on payment.
* To Report searches on medical records.
* To Report searches on immunization.
* To Report searches based on agent details.

**Entities:**

Users,Customer,Doctor,Agent Details,Payment,Insurance Type,Disease ,Premuims,Claims,Transactions,Hospital,Claim Status,Medical Records , and Immunizations and Admin.