**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 details, 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 in turn reduces data redundancy, automates manual interventions, 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:

- 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, Premiums, Claims, Transactions, Hospital, Claim Status, Medical Records, and Immunizations and Admin.

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