Healthcare Project

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Technology Used: Python

**Synopsis:**

It is a Healthcare maintenance project. It deals with Member Enrolment, Dependent Enrolment, Deletion of Member or Dependent, Inquiry, Member Profile update, Provider details updating, etc..

**Database Tables created & Used:**

Below are the New Relational tables being created & used in this project.

1. Login table: It contains Login id details to log on into Healthcare portal to do further transactions.
2. Member table: It contains all Subscribers and their dependents personnel and geographical details and their Provider details
3. Provider table: It contains the Providers details, the Plan details and their zip details.

Attached spread sheet has the keys and columns details of the above tables.



**Overall Project flow at a glance (Flow chart):**

Please refer the attached flow diagram



**Types of Transactions Involved:**

1. **Login:**
2. It is the very beginning transaction involved, it asks for login credentials and cross verifies with Login table details.
3. If wrong credentials, it throws error else it allows user to do further transactions.
4. It also provides forgot password option to reset password with the help of security question and answers.
5. **Member Enroll:**

Once after the successful login, we can enroll the new subscriber (Member) or add dependents under an existing member, it performs Read operation on Provider table to select a specific provider under the mentioned Zip code and Insert operation on Member Table.

1. **Member Updat**e:

We can modify existing personnel or Geographical details for the specific member, it performs Read operation to throw existing details and Update operation to update new details on Member Table.

1. **Member Delete:**

We can delete existing Member or depends from the Member table, it performs Delete operation on Member table.

1. **Member Inquiry:**

We can inquire existing Member/Dependent details, it performs Read operation on Member table and throws all personnel and geographical details of Member as well as Dependents including plan and Provider details.