**P1 Assignment**

**Team Members:**

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**Database Topic:**

Health Care Database

**Mission Statement:**

Our healthcare database will:

1. Provide patients’ information including past medical records, allergic history, and contact number to providers for further treatment.
2. Help patients to find out useful real-time information including contact information of provider and their services.
3. Enable physicians, pharmacists, and others to track prescribed medications and to report adverse drug reactions.
4. Help providers to find information of particular value for QA/QI programs in database, to help them improve their services.

**Mission Objectives:**

* To maintain (enter, update, and delete) data on providers.
* To maintain (enter, update, and delete) data on providers’ addresses.
* To maintain (enter, update, and delete) data on providers’ contact information (email and numbers).
* To maintain (enter, update, and delete) data on patients.
* To maintain (enter, update, and delete) data on patients’ addresses.
* To maintain (enter, update, and delete) data on patients’ contact information (email and numbers).
* To maintain (enter, update, and delete) data on patients’ insurance companies.
* To maintain (enter, update, and delete) data on patients’ past medical records.
* To maintain (enter, update, and delete) data on patients’ allergic history.
* To maintain (enter, update, and delete) data on patients’ prescribed medications.
* To maintain (enter, update, and delete) data on patients’ payment history.
* To maintain (enter, update, and delete) data on patients’ billing processes.
* To maintain (enter, update, and delete) data on insurance companies’ billing processes.
* To maintain (enter, update, and delete) data on insurance companies’ payment history.
* To perform searches on providers.
* To perform searches on providers’ addresses.
* To perform searches on providers’ contact information (email and numbers).
* To perform searches on patients.
* To perform searches on patients’ addresses.
* To perform searches on patients’ contact information (email and numbers).
* To perform searches on patients’ insurance companies.
* To perform searches on patients’ past medical records.
* To perform searches on patients’ allergic history.
* To perform searches on patients’ prescribed medications.
* To perform searches on patients’ payment history.
* To perform searches on patients’ billing processes.
* To perform searches on insurance companies’ billing processes.
* To perform searches on insurance companies’ payment history.
* To track the status of patients’ billing processes.
* To track the status of time to complete payment.
* To track the status of number of payments per patient.
* To track the status of number of patients per provider.
* To track the status of number of prescriptions per patient.
* To track the status of number of payments per insurance company.
* To report on providers.
* To report on providers’ addresses.
* To report on providers’ contact information (email and numbers).
* To report on patients.
* To report on patients’ addresses.
* To report on patients’ contact information (email and numbers).
* To report on patients’ insurance companies.
* To report on patients’ past medical records.
* To report on patients’ allergic history.
* To report on patients’ prescribed medications.
* To report on patients’ payment history.
* To report on patients’ billing processes.
* To report on insurance companies’ billing processes.
* To report on insurance companies’ payment history.