Access Management for Global Healthcare

GitHub Link: https://github.com/dristidani/DMDD-Project-Group-4

 ERD Link:
https://drive.google.com/file/d/1iWN4DLWMKYmAmp4CYuCXEsYV05vT3zBn/view?usp=sharing

List of entities:

- Patient
- Doctor
- Visit
- Travel History
- Diagnosis
- Employment
- Current
- Previous
- Self-Clinic
- Hospital

Business Problem:

➢ Medical records of patients are stored in a physical file, hence creating problems for patient to store and maintain all the files.

➢ A patient as well as doctor has no access to the previous records of a patient on relocation (or even short trip). As it not possible to physical carry all the files containing medical records.

➢ As the medical records of a patient is stored in a physical file, In case of emergency doctors do not have enough information about the previous medical records of patients.

Key describition of ER Diagram:

- Primary Key:- Patient ID, Doc ID, Employment ID
- Surrogate Key:- Visit ID, Diagnosis ID, Travel History ID
- There is Supertype and Subtype for Employment (Subtype – Current and Previous) and Current Employment is further expanded as self-clinic and Hospital.

Initial ER Diagram: