Patient Based – Medical Record Database

Group 2
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1 Problem Statement- Motivation

Medical Record System:

- Providing accurate, up-to-date, and complete information about patients at the point of care
- Connect patients to local, accessible healthcare providers
- Improving interaction and communication between healthcare providers and patients



1 Problem Statement - Challenge

Medical Record System:

- Currently, hospitals and insurance agencies exercise a lot of control
- Medical data is distributed across multiple sources
- Our hope is that this data management system will create a more transparent system, and simplify what is an important aspect of a patient's life.

2 Project Description

Ultimate Goal:

Building a patient-centric healthcare community that empowers patients to take their healthcare into their own hands

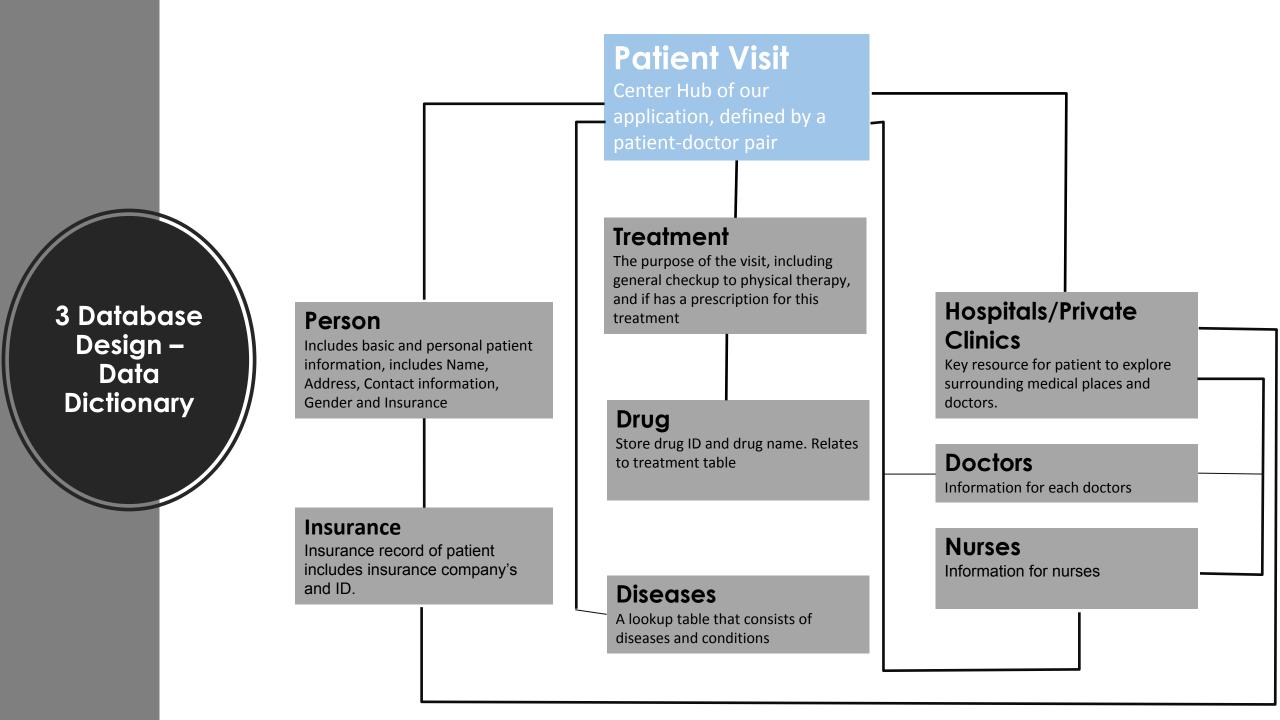
Use Cases:

- 1. Secure and track user medical records
- Locate the nearest hospitals/clinics accepts the user's insurance
- Connect with others who experienced similar affliction

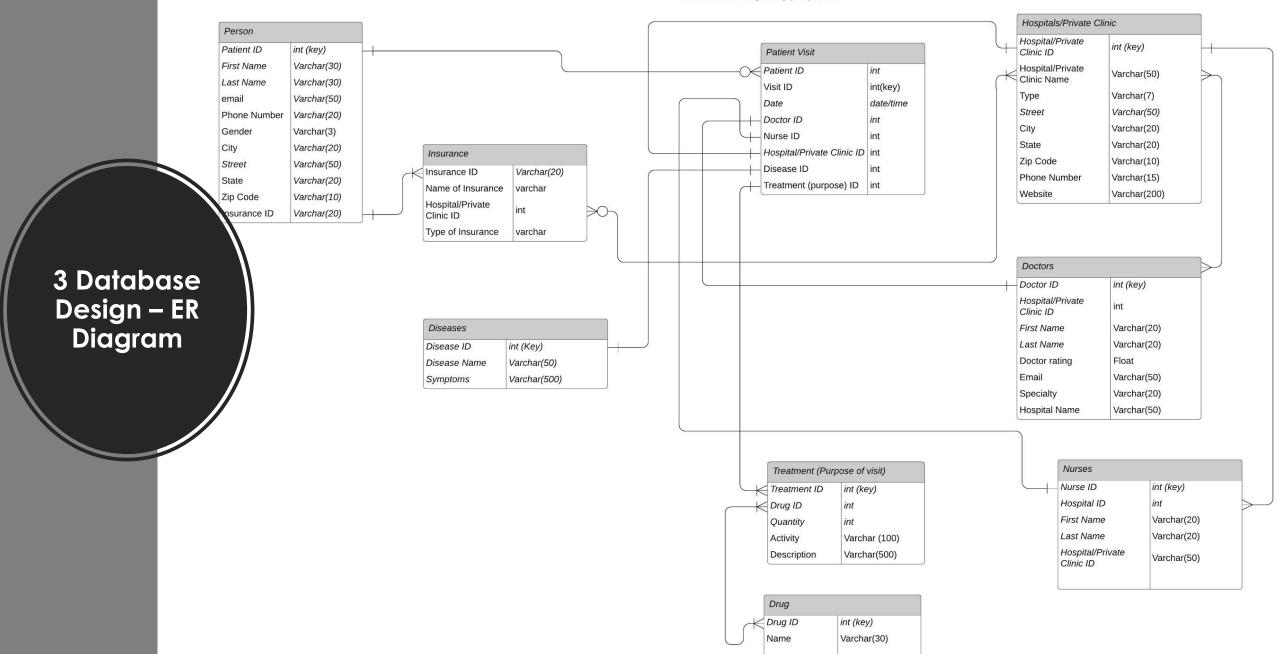


Notes:

- 1. U.S use only
- 2. Doctor & Nurse can't work for different clinic improve in future development



Z.Lin Y.Shen H.Wang L.Zeng | May 7, 20



4 User Interface

Use Cases:

- Secure and track user medical records
- Locate the nearest hospitals/clinics accepts the user's insurance
- Recommend nearby doctors for users
- Connect with others who experienced similar affliction

Please Watch Our Live Demo!



5 Discussion and Future Improvement- Existing Challenge

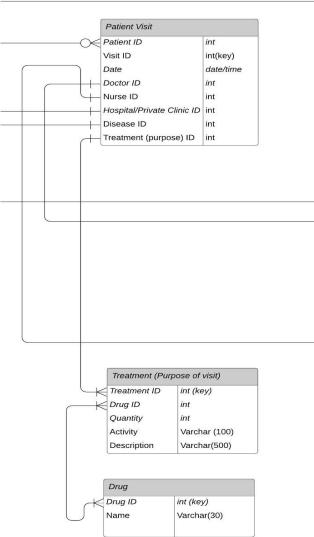
Phase I (This Version)

Limitation

- US. based Only
- Each doctor and nurse only work for one hospital/clinics

Data structure

 Treatment - Drug table (one to multiple connection) lead to confusion in visit presentation in front end design.



5 Discussion and Future Improvement - Expansion

Phase II

Data struction

- Rethink Treatment to Drug table
- Doctor and Nurse can work more than one hospital
- Link Drug table to Disease table

Expansion

- User is able to locate hospitals/clinics and doctor which can accept their insurance AND speciality
- Blog interaction
- Physicians connection
- Adopt more countries to our medical system

Medical Records







Find and connect with others who experience similar affliction

Looking for More →



My Following

User personal moment page. User is able to create their own blogs or personal stories share to follower group. Users also able to see the moments from their followings.



Q Search...



Physicians Connection

Connect to the user provider or other specialties for advice. Functioned with chat, reminder, online counseling, pre-checkup, and appointment schedule.

Looking for More \rightarrow

Questions & Comments?



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