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25 February 2020

INFO 330 Databases and Data Modeling

Assignment 07

Milestone 01

Introduction

This is an ERD showing the relationship between patients, doctors, clinics, and appointments between them. This supplement a metadata spreadsheet detailing the tables of the database.

Summary

This ERD is a work in progress of how I would go about designing a database for an application that links doctors and clinics with patients.

1 to N

**Clinics**

**ClinicID (PK)**

**ClinicName**

**ClinicPhone**

**ClinicEmail**

**ClinicAddress1**

**ClinicAddress2**

**ClinicCity**

**ClinicState**

**ClinicZip**

1 to N

1 to N

1 to N

**Doctors**

**DoctorID (PK)**

**DoctorFirstName**

**DoctorLastName**

**DoctorEmail**

**DoctorPhone**

**Patients**

**PatientID (PK)**

**PatientFirstName**

**PatientLastName**

**PatientPhone**

**PatientEmail**

**StudentAddress1**

**StudentAddress2**

**StudentCity**

**StudentState**

**StudentZip**

**Appointments**

**AppointmentID (PK)**

**DoctorID (FK)**

**PatientID (FK)**

**ScheduledDateTime**

**AppointmentPrice**

**AppointmentDate**

**AppointmentTime**

**ClinicsDoctors**

**BridgeID (PK)**

**DoctorID (FK)**

**ClinicID (FK)**