Mary Greeley Medical Center

MIS 320 Final Project

Section B1

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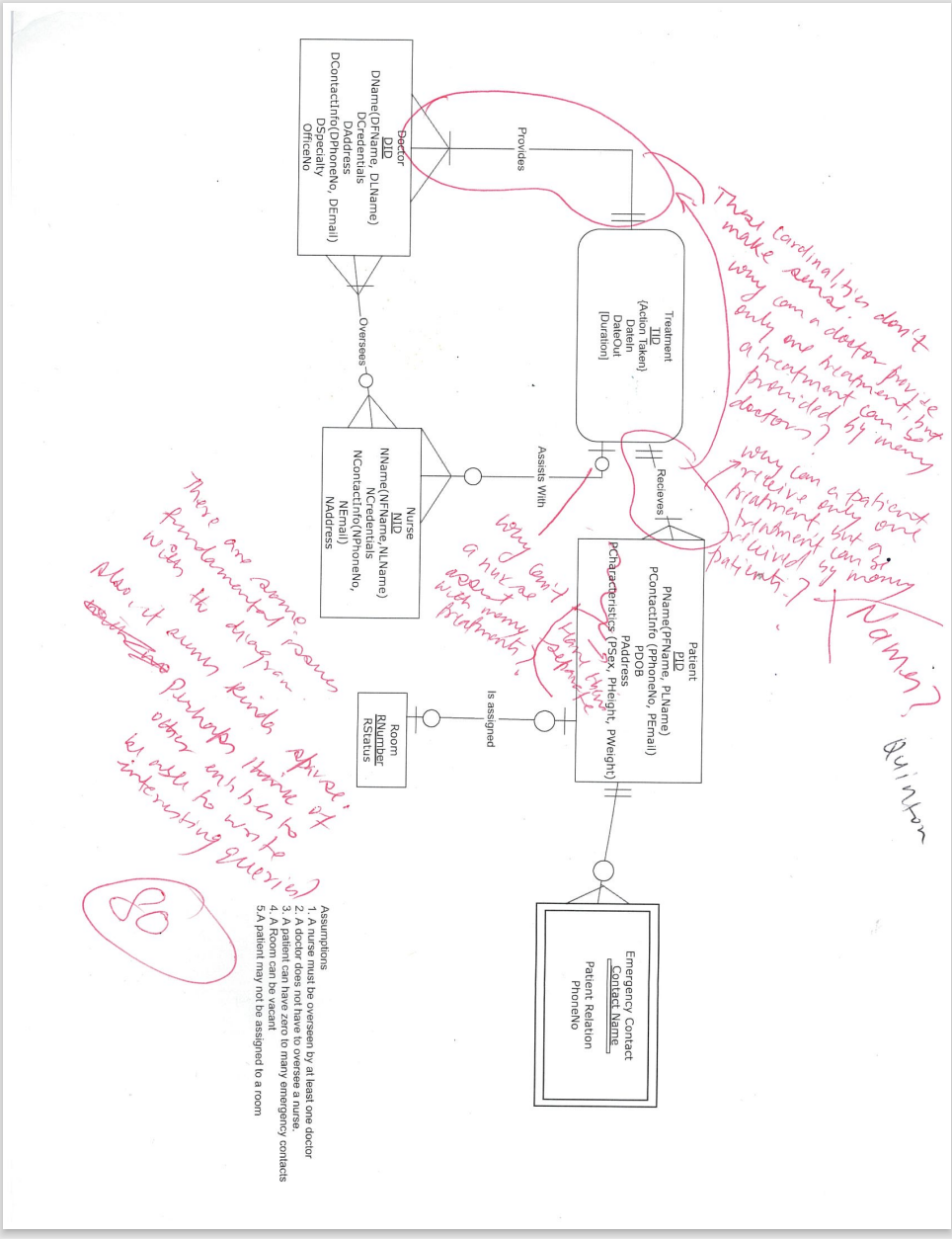
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Introduction

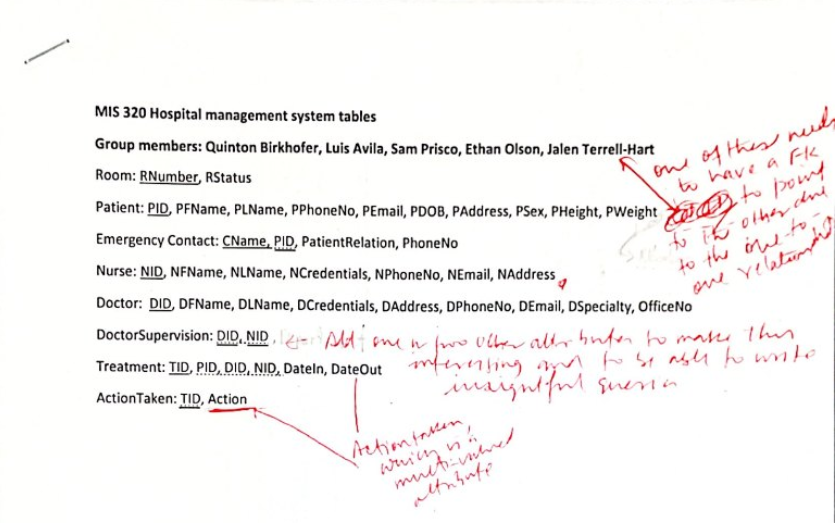
Mary Greeley Medical Center is in need of better tracking of their doctors, nurses, patients, patient info, and patient visits than their current system provides. This team has created a database to help solve these issues for Mary Greeley Center to the best of our ability. This is important because the access to this information is very impactful for the efficiency of the hospital and safety of the patients they are treating. Patient and doctor information has been getting lost in their system, requiring a complete halt in operations as they try and recover it. It is also important because the elimination of their filing system will free up much more space for more important equipment. They are currently using a paper filing system, which is extremely inefficient. This current system is also subject to theft and lost items. All of this could be solved by the database management system this team has created.

We solved these issues by first trying to understand what the users of this system need, creating assumptions for areas that were considered unclear. After that, we created an Enhanced Entity-Relationship Diagram to visualize the process and better understand the interaction between the hospital’s entities. Once the diagram was complete, our team developed our logical database tables based on it. We then implemented the aforementioned tables into MySQL using MySQL workbench. The creation and use of this database will increase the efficiency, decrease theft and misplacement, and free up storage space for the Mary Greeley Medical Center.

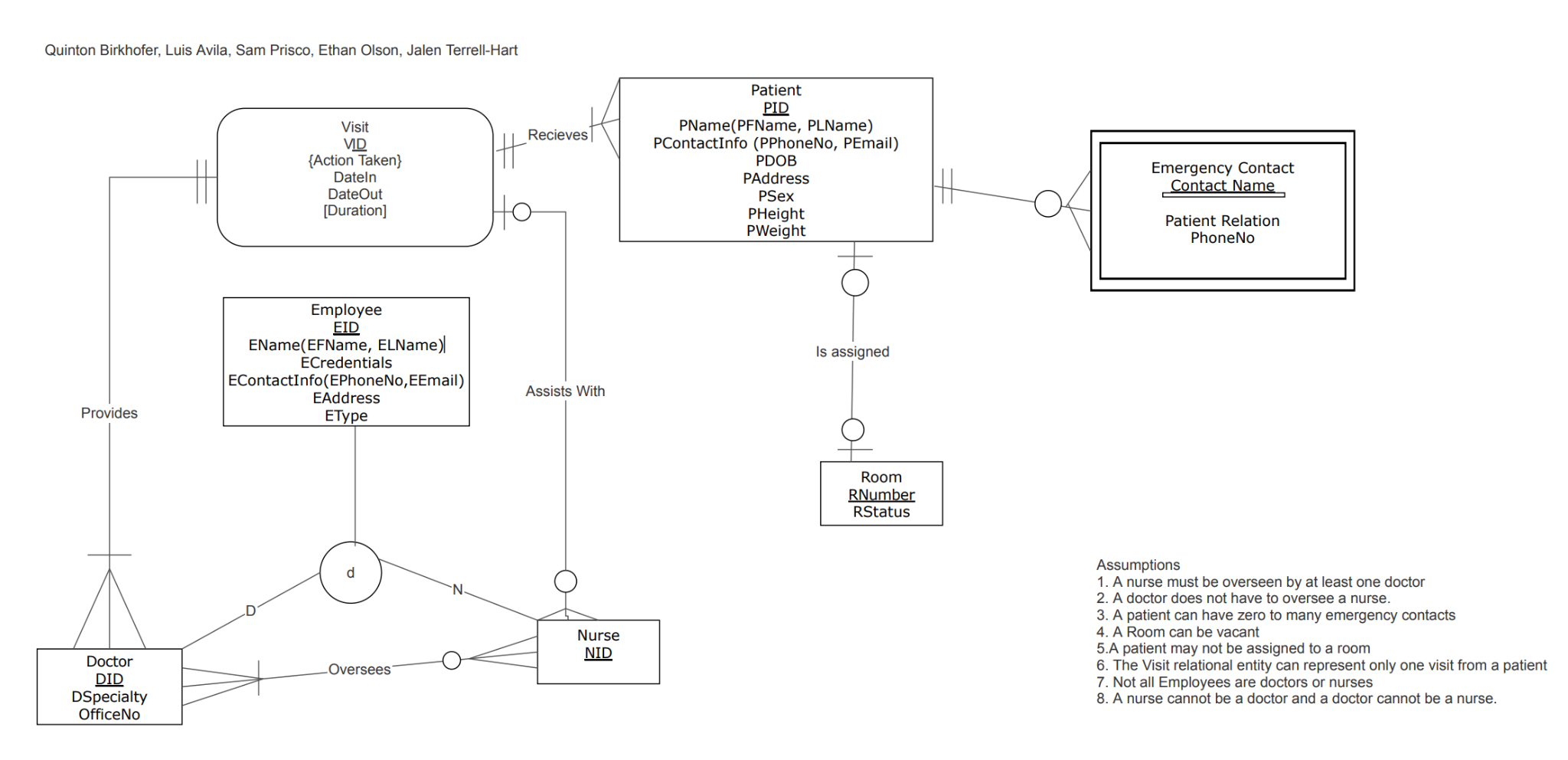
Original EER Diagram With Comments



Original Logical Database Design With Comments



Modified EER Diagram



**Assumptions**

1. A nurse must be overseen by at least one doctor

2. A doctor does not have to oversee a nurse.

3. A patient can have zero to many emergency contacts

4. A Room can be vacant

5.A patient may not be assigned to a room

6. The Visit relational entity can represent only one visit from a patient

7. Not all Employees are doctors or nurses

8. A nurse cannot be a doctor and a doctor cannot be a nurse

Modified Logical database Design

Room: RNumber, RStatus

Patient: PID, PFName, PLName, PPhoneNo, PEmail, PDOB, PAddress, PSex, PHeight, PWeight, RNumber

Emergency Contact: CName, PID, PatientRelation, PhoneNo

Employee: EID, EFName, ELName, ECredentials, EPhoneNo, EEmail, EAddress, EType

Nurse: NID

Doctor: DID, DSpecialty, OfficeNo

DoctorSupervision: DID, NID, Department

Visit: VID, PID, DID, NID, DateIn, DateOut

ActionTaken: VID, Action

Scripts

Table Creation Script

CREATE TABLE Room (

Rnumber int NOT NULL,

RStatus varchar(8),

PRIMARY KEY (Rnumber));

CREATE TABLE Patient (

PID int NOT NULL,

PFName varchar(20) NOT NULL,

PLName varchar(20) NOT NULL,

PPhoneNo char(14), # format (999) 999-9999

PEmail varchar(45),

PDOB date NOT NULL,

PAddress varchar(100),

PSex char(1) NOT NULL,

PHeight varchar(3) NOT NULL, #height in inches

PWeight varchar(3) NOT NULL, #weight in pounds

RNumber int,

PRIMARY KEY (PID));

CREATE TABLE EmergencyContact (

CName varchar(40) NOT NULL,

PID int NOT NULL,

PatientRelation varchar(15) NOT NULL,

PhoneNo char(14) NOT NULL,

PRIMARY KEY (CName, PID));

CREATE TABLE Employee (

EID int NOT NULL,

EFNAME varchar(20) NOT NULL,

ELName varchar(20) NOT NULL,

ECredentials varchar(20) NOT NULL,

EPhoneNo char(14) NOT NULL,

EEmail varchar(45) NOT NULL,

EAddress varchar(100) NOT NULL,

EType char(1) NOT NULL,

PRIMARY KEY (EID));

CREATE TABLE Nurse (

NID int NOT NULL,

PRIMARY KEY (NID));

CREATE TABLE Doctor (

DID int NOT NULL,

DSpecialty varchar(25) NOT NULL,

OfficeNo int,

PRIMARY KEY (DID));

CREATE TABLE DoctorSupervision (

DID int NOT NULL,

NID int NOT NULL,

Department varchar(25),

PRIMARY KEY (DID, NID));

CREATE TABLE Visit (

VID int NOT NULL,

PID int NOT NULL,

DID int NOT NULL,

NID int,

DateIn date NOT NULL,

DateOut date,

PRIMARY KEY (VID));

CREATE TABLE ActionTaken (

VID int NOT NULL,

ActTaken varchar(200) NOT NULL,

PRIMARY KEY (VID, ActTaken));

Table Insertion Scripts

Room

INSERT INTO Room VALUES(110,'Occupied');

INSERT INTO Room VALUES(111,'Empty');

INSERT INTO Room VALUES(112,'Empty');

INSERT INTO Room VALUES(113,'Occupied');

INSERT INTO Room VALUES(114,'Empty');

INSERT INTO Room VALUES(115,'Occupied');

INSERT INTO Room VALUES(116,'Occupied');

INSERT INTO Room VALUES(117,'Occupied');

INSERT INTO Room VALUES(118,'Empty');

INSERT INTO Room VALUES(119,'Empty');

INSERT INTO Room VALUES(120,'Occupied');

INSERT INTO Room VALUES(121,'Empty');

INSERT INTO Room VALUES(122,'Empty');

INSERT INTO Room VALUES(123,'Occupied');

INSERT INTO Room VALUES(124,'Occupied');

INSERT INTO Room VALUES(125,'Occupied');

INSERT INTO Room VALUES(126,'Occupied');

INSERT INTO Room VALUES(127,'Empty');

INSERT INTO Room VALUES(128,'Empty');

INSERT INTO Room VALUES(129,'Empty');

INSERT INTO Room VALUES(210,'Empty');

INSERT INTO Room VALUES(211,'Empty');

INSERT INTO Room VALUES(212,'Occupied');

INSERT INTO Room VALUES(213,'Empty');

INSERT INTO Room VALUES(214,'Empty');

INSERT INTO Room VALUES(215,'Occupied');

INSERT INTO Room VALUES(216,'Empty');

INSERT INTO Room VALUES(217,'Occupied');

INSERT INTO Room VALUES(218,'Empty');

INSERT INTO Room VALUES(219,'Occupied');

INSERT INTO Room VALUES(220,'Empty');

INSERT INTO Room VALUES(221,'Empty');

INSERT INTO Room VALUES(222,'Occupied');

INSERT INTO Room VALUES(223,'Empty');

INSERT INTO Room VALUES(224,'Empty');

INSERT INTO Room VALUES(225,'Occupied');

INSERT INTO Room VALUES(226,'Empty');

INSERT INTO Room VALUES(227,'Empty');

INSERT INTO Room VALUES(228,'Empty');

INSERT INTO Room VALUES(229,'Empty');

INSERT INTO Room VALUES(310,'Empty');

INSERT INTO Room VALUES(311,'Occupied');

INSERT INTO Room VALUES(312,'Empty');

INSERT INTO Room VALUES(313,'Occupied');

INSERT INTO Room VALUES(314,'Occupied');

INSERT INTO Room VALUES(315,'Occupied');

INSERT INTO Room VALUES(316,'Occupied');

INSERT INTO Room VALUES(317,'Occupied');

INSERT INTO Room VALUES(318,'Occupied');

INSERT INTO Room VALUES(319,'Empty');

INSERT INTO Room VALUES(320,'Occupied');

INSERT INTO Room VALUES(321,'Occupied');

INSERT INTO Room VALUES(322,'Empty');

INSERT INTO Room VALUES(323,'Occupied');

INSERT INTO Room VALUES(324,'Occupied');

INSERT INTO Room VALUES(325,'Empty');

INSERT INTO Room VALUES(326,'Occupied');

INSERT INTO Room VALUES(327,'Empty');

INSERT INTO Room VALUES(328,'Occupied');

INSERT INTO Room VALUES(329,'Occupied');

INSERT INTO Room VALUES(410,'Empty');

INSERT INTO Room VALUES(411,'Empty');

INSERT INTO Room VALUES(412,'Occupied');

INSERT INTO Room VALUES(413,'Empty');

INSERT INTO Room VALUES(414,'Empty');

INSERT INTO Room VALUES(415,'Occupied');

INSERT INTO Room VALUES(416,'Occupied');

INSERT INTO Room VALUES(417,'Occupied');

INSERT INTO Room VALUES(418,'Empty');

INSERT INTO Room VALUES(419,'Empty');

INSERT INTO Room VALUES(420,'Empty');

INSERT INTO Room VALUES(421,'Empty');

INSERT INTO Room VALUES(422,'Occupied');

INSERT INTO Room VALUES(423,'Empty');

INSERT INTO Room VALUES(424,'Empty');

INSERT INTO Room VALUES(425,'Empty');

INSERT INTO Room VALUES(426,'Occupied');

INSERT INTO Room VALUES(427,'Occupied');

INSERT INTO Room VALUES(428,'Empty');

INSERT INTO Room VALUES(429,'Empty');

INSERT INTO Room VALUES(510,'Occupied');

INSERT INTO Room VALUES(511,'Occupied');

INSERT INTO Room VALUES(512,'Empty');

INSERT INTO Room VALUES(513,'Occupied');

INSERT INTO Room VALUES(514,'Empty');

INSERT INTO Room VALUES(515,'Empty');

INSERT INTO Room VALUES(516,'Empty');

INSERT INTO Room VALUES(517,'Empty');

INSERT INTO Room VALUES(518,'Empty');

INSERT INTO Room VALUES(519,'Occupied');

INSERT INTO Room VALUES(520,'Empty');

INSERT INTO Room VALUES(521,'Empty');

INSERT INTO Room VALUES(522,'Occupied');

INSERT INTO Room VALUES(523,'Occupied');

INSERT INTO Room VALUES(524,'Empty');

INSERT INTO Room VALUES(525,'Occupied');

INSERT INTO Room VALUES(526,'Empty');

INSERT INTO Room VALUES(527,'Empty');

INSERT INTO Room VALUES(528,'Empty');

INSERT INTO Room VALUES(529,'Empty');

Patient

INSERT INTO Patient VALUES(100000,'Veronika','Morgenstern','(445) 558-3347','VMorgenstern@aol.com','1961-06-16','70 Myrtle Avenue Niles MI 49120','F',61,101,320);

INSERT INTO Patient VALUES(100001,'Reidun','Smola','(541) 997-0930','RSmola@yahoo.com','1927-05-04','629 W. Smith Store Dr. Oak Lawn IL 60453','F',59,121,519);

INSERT INTO Patient VALUES(100002,'Sigmund','Armati','(329) 790-2761','SArmati@gmail.com','1992-11-26','7095 Lakeview Road Berwyn IL 60402','M',65,160,115);

INSERT INTO Patient VALUES(100003,'Hera','Langer','(208) 603-7440','HLanger@gmail.com','1994-10-27','119 Chestnut Dr. Pataskala OH 43062','F',74,160,116);

INSERT INTO Patient VALUES(100004,'Florian','Mulloy','(578) 264-0798','FMulloy@yahoo.com','2014-05-31','83 Sussex Dr. Drexel Hill PA 19026','F',42,72,null);

INSERT INTO Patient VALUES(100005,'Mohan','Both','(565) 604-4683','MBoth@aol.com','1961-07-07','7774 East Race Lane Schererville IN 46375','M',67,213,null);

INSERT INTO Patient VALUES(100006,'Dobroslav','Cole','(352) 764-1477','DCole@gmail.com','1969-01-22','983 N. Lawrence Court Moncks Corner SC 29461','M',73,211,null);

INSERT INTO Patient VALUES(100007,'Genista','Lowry','(918) 766-9857','GLowry@yahoo.com','1980-06-13','251 Harvard Street Moorhead MN 56560','F',66,127,426);

INSERT INTO Patient VALUES(100008,'Paulos','Shwetz','(776) 277-1941','PShwetz@gmail.com','1955-07-25','712 2nd Drive Lansdale PA 19446','M',75,133,522);

INSERT INTO Patient VALUES(100009,'Arnt','Bustos','(706) 552-2705','ABustos@aol.com','1993-10-29','41 South Prospect St. Menomonee Falls WI 53051','M',79,210,null);

INSERT INTO Patient VALUES(100010,'Eliya','Arnolfi','(852) 602-9296','EArnolfi@gmail.com','1996-06-30','8436 North 10th Ave. Goshen IN 46526','F',61,102,212);

INSERT INTO Patient VALUES(100011,'Cassiopeia','Boelens','(295) 415-9261','CBoelens@yahoo.com','2000-06-12','9667 Dunbar Street Camden NJ 08105','F',57,111,412);

INSERT INTO Patient VALUES(100012,'Dexter','Albrecktsson','(815) 554-6098','DAlbrecktsson@gmail.com','1952-06-12','22 Summer Ave. Branford CT 06405','M',65,159,null);

INSERT INTO Patient VALUES(100013,'Keith','Schrijnemakers','(669) 639-9182','KSchrijnemakers@aol.com','1959-06-19','960 Plymouth St. Mishawaka IN 46544','M',62,132,525);

INSERT INTO Patient VALUES(100014,'Greer','Farran','(579) 250-0317','GFarran@yahoo.com','2001-03-09','601 Glenridge Court New Hyde Park NY 11040','M',76,212,321);

INSERT INTO Patient VALUES(100015,'Luitgard','Strohkirch','(773) 673-9823','LStrohkirch@gmail.com','2018-02-20','7334 E. Iroquois St. Hopkins MN 55343','M',38,85,null);

INSERT INTO Patient VALUES(100016,'Garfield','Peter','(540) 432-5995','GPeter@gmail.com','2010-05-19','9468 Maple Ave. Wilmington MA 01887','M',70,106,null);

INSERT INTO Patient VALUES(100017,'Linda','Murphy','(612) 954-8816','LMurphy@aol.com','1984-07-06','8280 James Dr. Findlay OH 45840','F',62,102,null);

INSERT INTO Patient VALUES(100018,'Mabon','Mullins','(580) 518-7950','MMullins@gmail.com','1959-07-19','186 Baker Ave. Piscataway NJ 08854','M',70,160,null);

INSERT INTO Patient VALUES(100019,'Garnet','Judd','(529) 206-5468','GJudd@yahoo.com','1923-02-28','114 Deerfield Drive Frankfort KY 40601','M',65,114,null);

INSERT INTO Patient VALUES(100020,'Linda','Murphy','(868) 569-0828','LMurphy@aol.com','1958-04-08','702 Clay Ave. Lenoir NC 28645','F',59,155,113);

INSERT INTO Patient VALUES(100021,'Wil','Hillmer','(990) 550-9592','WHillmer@gmail.com','1948-04-30','449 Glenlake St. Villa Rica GA 30180','M',68,141,null);

INSERT INTO Patient VALUES(100023,'Jason','Smith','(489) 694-1389','JSmith@gmail.com','1965-03-23','447 Catherine Ave. Waxhaw NC 28173','M',71,246,null);

INSERT INTO Patient VALUES(100024,'Wendy','Olson','(548) 445-2990','WOlson@aol.com','1993-09-10','293 Big Rock Cove Avenue Plainfield NJ 07060','F',61,180,125);

INSERT INTO Patient VALUES(100025,'Robin','Nichols','(863) 480-1633','RNichols@gmail.com','2001-12-02','718 Carson Lane Lacey WA 98503','F',75,168,null);

INSERT INTO Patient VALUES(100026,'Toni','Farmer','(972) 361-2524','TFarmer@gmail.com','1945-03-02','9089 NW. Addison Lane Defiance OH 43512','M',68,166,null);

INSERT INTO Patient VALUES(100027,'Wanda','Fisher','(351) 402-8783','WFisher@gmail.com','1963-02-21','69 Del Monte St. Bristol CT 06010','F',60,103,117);

INSERT INTO Patient VALUES(100028,'Marion','Medina','(358) 869-9608','MMedina@aol.com','1988-08-20','902 Lantern Road Little Falls NJ 07424','F',64,178,126);

INSERT INTO Patient VALUES(100029,'Sally','Vega','(839) 992-9249','SVega@aol.com','1964-03-08','47 South Pilgrim Ave. Ashtabula OH 44004','F',58,134,110);

INSERT INTO Patient VALUES(100030,'Bernice','Horton','(847) 894-1608','BHorton@gmail.com','1943-05-14','69 Lantern Ave. Danvers MA 01923','F',70,107,328);

INSERT INTO Patient VALUES(100031,'Elisa','Hamilton','(926) 860-6170','EHamilton@aol.com','1992-01-24','9537 North Riverside Dr. Woodstock GA 30188','F',65,146,null);

INSERT INTO Patient VALUES(100032,'Annie','Harrington','(654) 276-8796','AHarrington@aol.com','2009-07-05','400 Ramblewood Dr. Windermere FL 34786','F',58,103,523);

INSERT INTO Patient VALUES(100033,'Noel','Gregory','(767) 775-2998','NGregory@yahoo.com','1957-03-27','8218 Pulaski Ave. Saint Albans NY 11412','M',67,221,null);

INSERT INTO Patient VALUES(100034,'Ollie','Robinson','(535) 728-9878','ORobinson@yahoo.com','1956-05-31','1 High Noon Lane Dearborn MI 48124','M',78,152,317);

INSERT INTO Patient VALUES(100035,'Patricia','Stephens','(410) 381-5733','PStephens@gmail.com','1973-09-13','77 Longbranch Drive Fairfax VA 22030','F',72,137,323);

INSERT INTO Patient VALUES(100036,'Monique','Dawson','(917) 303-8294','MDawson@gmail.com','2021-01-19','9518 Carpenter St. Shepherdsville KY 40165','F',62,132,null);

INSERT INTO Patient VALUES(100037,'Curtis','Phelps','(327) 848-0415','CPhelps@gmail.com','1923-07-18','20 Hanover St. Lady Lake FL 32159','M',79,133,null);

INSERT INTO Patient VALUES(100038,'Everett','Bates','(690) 741-4249','EBates@yahoo.com','1934-07-25','7 Walt Whitman Street Encino CA 91316','M',61,109,null);

INSERT INTO Patient VALUES(100039,'Candace','Doyle','(780) 735-7287','CDoyle@aol.com','1921-01-19','33 4th Ave. Amsterdam NY 12010','F',56,102,null);

INSERT INTO Patient VALUES(100040,'Clifford','Brady','(727) 945-8205','CBrady@aol.com','1969-04-15','524 Acacia St. Grand Forks ND 58201','M',74,138,null);

INSERT INTO Patient VALUES(100041,'Melanie','Estrada','(248) 502-5539','MEstrada@aol.com','2005-09-27','31 W. Monroe Lane Anoka MN 55303','F',75,171,null);

INSERT INTO Patient VALUES(100042,'Franklin','French','(505) 726-9401','FFrench@aol.com','2007-03-03','91 Kingston St. Vicksburg MS 39180','M',78,136,null);

INSERT INTO Patient VALUES(100043,'Vernon','Rogers','(507) 659-3261','VRogers@aol.com','1931-02-17','81 Yukon St. New Philadelphia OH 44663','M',60,147,null);

INSERT INTO Patient VALUES(100044,'Shelly','Mccormick','(291) 666-2758','SMccormick@gmail.com','1963-06-10','560 Edgefield St. Perkasie PA 18944','F',65,134,null);

INSERT INTO Patient VALUES(100045,'Brent','Davidson','(786) 796-7127','BDavidson@aol.com','1920-07-04','480 Pleasant Court Uniondale NY 11553','M',55,138,null);

INSERT INTO Patient VALUES(100046,'Vickie','Long','(213) 988-9723','VLong@gmail.com','1961-04-16','8308 Arlington Avenue The Villages FL 32162','F',75,199,225);

INSERT INTO Patient VALUES(100047,'Horace','Carter','(346) 943-2952','HCarter@gmail.com','1958-05-18','8038 Cardinal Dr. Rockaway NJ 07866','M',60,152,null);

INSERT INTO Patient VALUES(100048,'Leona','Keller','(407) 802-9397','LKeller@aol.com','1940-03-10','724 South Street Hackensack NJ 07601','F',75,119,null);

INSERT INTO Patient VALUES(100049,'Ellen','Pena','(510) 510-2987','EPena@yahoo.com','1955-06-05','9676 South Washington Drive Spring Hill FL 34608','F',57,107,null);

INSERT INTO Patient VALUES(100050,'Julius','George','(831) 297-0733','JGeorge@yahoo.com','1929-06-24','651 Pennsylvania Ave. Potomac MD 20854','M',77,283,416);

INSERT INTO Patient VALUES(100051,'Tamara','James','(636) 479-5391','TJames@yahoo.com','1976-10-25','337 Parker Street Trenton NJ 08610','F',68,142,null);

INSERT INTO Patient VALUES(100052,'Wilbert','Harris','(963) 565-9182','WHarris@aol.com','1926-09-14','327 S. Young Rd. Clover SC 29710','M',80,257,417);

INSERT INTO Patient VALUES(100053,'Maryann','Glover','(431) 766-3076','MGlover@yahoo.com','1966-07-19','9483 Proctor St. South Richmond Hill NY 11419','F',76,145,null);

INSERT INTO Patient VALUES(100054,'Eunice','Matthews','(378) 872-3095','EMatthews@yahoo.com','1928-10-05','564 West Fordham St. Sheboygan WI 53081','M',55,83,null);

INSERT INTO Patient VALUES(100055,'Terrance','Gordon','(913) 303-4197','TGordon@gmail.com','1987-03-24','4 E. Tallwood Ave. Massapequa NY 11758','M',72,199,null);

INSERT INTO Patient VALUES(100056,'Kristin','Clarke','(835) 282-6260','KClarke@yahoo.com','1946-09-27','9560 Pilgrim St. Valparaiso IN 46383','F',69,222,null);

INSERT INTO Patient VALUES(100057,'Nancy','Christensen','(502) 428-4926','NChristensen@aol.com','1972-05-27','32 Buckingham Street Lake Mary FL 32746','F',74,158,null);

INSERT INTO Patient VALUES(100058,'Adam','Lewis','(877) 441-0533','ALewis@yahoo.com','1978-10-03','339 Longfellow Dr. Johnston RI 02919','M',55,85,329);

INSERT INTO Patient VALUES(100059,'Marc','Singleton','(758) 277-0849','MSingleton@yahoo.com','2018-07-09','252 North Taylor St. Clifton Park NY 12065','M',37,94,219);

INSERT INTO Patient VALUES(100060,'Johnathan','Warner','(256) 673-8092','JWarner@yahoo.com','1933-07-02','11 Silver Spear St. Essex MD 21221','M',55,200,null);

INSERT INTO Patient VALUES(100061,'Otis','Pearson','(826) 978-7170','OPearson@aol.com','1935-01-03','88 Wrangler Court Independence KY 41051','M',62,132,510);

INSERT INTO Patient VALUES(100062,'Rudy','Duncan','(709) 967-0812','RDuncan@aol.com','1951-07-31','9763 Gainsway St. Satellite Beach FL 32937','M',69,229,222);

INSERT INTO Patient VALUES(100063,'Naomi','Owen','(792) 801-7781','NOwen@gmail.com','1982-03-08','78 Rose St. Saginaw MI 48601','F',72,216,215);

INSERT INTO Patient VALUES(100064,'Beverly','Lloyd','(732) 279-2324','BLloyd@gmail.com','1948-07-19','263 Longbranch Ave. Springfield PA 19064','F',58,88,null);

INSERT INTO Patient VALUES(100065,'Margaret','Mcdonald','(343) 295-2014','MMcdonald@aol.com','2008-06-17','9554 Henry Smith St. Orchard Park NY 14127','F',54,132,120);

INSERT INTO Patient VALUES(100066,'Roger','Henry','(484) 452-6800','RHenry@yahoo.com','1930-04-29','41 Gulf Street Muskogee OK 74403','M',65,187,314);

INSERT INTO Patient VALUES(100067,'Robert','Mack','(432) 599-3664','RMack@gmail.com','1922-11-29','17 South Pineknoll St. Cornelius NC 28031','M',68,118,null);

INSERT INTO Patient VALUES(100068,'Wayne','Becker','(394) 696-1670','WBecker@aol.com','1959-04-21','516 Roehampton St. Front Royal VA 22630','M',56,135,318);

INSERT INTO Patient VALUES(100069,'Danny','Hart','(472) 391-9248','DHart@yahoo.com','1942-09-22','84 Queen Lane New City NY 10956','M',74,155,124);

INSERT INTO Patient VALUES(100070,'Genevieve','Roberts','(734) 688-3457','GRoberts@aol.com','1987-05-20','76 Trout St. Thornton CO 80241','F',58,167,null);

INSERT INTO Patient VALUES(100071,'Rick','Tate','(599) 364-2443','RTate@yahoo.com','1949-06-16','7661 Liberty Court Little Rock AR 72209','M',74,133,null);

INSERT INTO Patient VALUES(100072,'Maxine','Lamb','(507) 564-2811','MLamb@aol.com','1991-04-01','293 Gainsway Lane Mays Landing NJ 08330','F',61,156,null);

INSERT INTO Patient VALUES(100073,'Cassandra','Schwartz','(506) 734-0917','CSchwartz@gmail.com','1950-08-23','80 Oakwood Ave. Snellville GA 30039','F',71,108,null);

INSERT INTO Patient VALUES(100074,'Dixie','King','(457) 434-2691','DKing@aol.com','1957-01-01','45 Leeton Ridge Street Hilliard OH 43026','F',59,116,null);

INSERT INTO Patient VALUES(100075,'Sherri','Riley','(621) 533-4563','SRiley@aol.com','2006-12-05','678 St Margarets Dr. Tuckerton NJ 08087','F',55,95,217);

INSERT INTO Patient VALUES(100076,'Abraham','Klein','(530) 220-2006','AKlein@yahoo.com','1960-12-31','9389 Littleton Road Algonquin IL 60102','M',54,86,513);

INSERT INTO Patient VALUES(100077,'Tracy','Cummings','(742) 479-9467','TCummings@yahoo.com','1998-05-18','87 Birch Hill St. Winter Garden FL 34787','F',64,167,null);

INSERT INTO Patient VALUES(100078,'Isabel','Craig','(955) 823-3082','ICraig@yahoo.com','1954-08-01','8520 Cypress St. Saugus MA 01906','F',70,133,null);

INSERT INTO Patient VALUES(100079,'Bryan','Jordan','(342) 999-4585','BJordan@yahoo.com','1947-12-01','9575 Illinois Ave. Thomasville NC 27360','M',69,197,null);

INSERT INTO Patient VALUES(100080,'Larry','Castro','(841) 846-4384','LCastro@yahoo.com','1997-08-28','29 Clay Dr. Owings Mills MD 21117','M',76,163,null);

INSERT INTO Patient VALUES(100081,'Nellie','Wong','(811) 842-0427','NWong@aol.com','1983-11-06','292 Beaver Ridge Ave. Mansfield MA 02048','F',68,109,315);

INSERT INTO Patient VALUES(100082,'Christie','Hawkins','(775) 416-3548','CHawkins@aol.com','1995-08-30','70 Myers Street Delaware OH 43015','F',52,112,415);

INSERT INTO Patient VALUES(100083,'Lee','Jenkins','(899) 926-9717','LJenkins@gmail.com','2016-04-23','279 San Carlos St. Racine WI 53402','M',44,104,511);

INSERT INTO Patient VALUES(100084,'Mercedes','Collins','(224) 764-9548','MCollins@aol.com','1990-03-23','565 Woodsman Drive Warminster PA 18974','F',67,214,null);

INSERT INTO Patient VALUES(100085,'Stuart','Armstrong','(257) 896-3561','SArmstrong@yahoo.com','1934-12-10','9984 N. Linda Street Dublin GA 31021','M',70,107,326);

INSERT INTO Patient VALUES(100086,'Ira','Hall','(882) 354-8328','IHall@yahoo.com','1975-10-15','1 Hillcrest Rd. Williamsburg VA 23185','F',59,208,null);

INSERT INTO Patient VALUES(100087,'Julio','Rice','(307) 970-9154','JRice@yahoo.com','1987-12-17','9788 William Drive West Islip NY 11795','M',68,150,324);

INSERT INTO Patient VALUES(100088,'Ross','Howard','(711) 810-1971','RHoward@aol.com','1930-04-07','16 E. James St. Norcross GA 30092','M',66,125,null);

INSERT INTO Patient VALUES(100089,'Bert','Hines','(500) 799-7794','BHines@aol.com','1999-05-30','846 Wilson Avenue Worcester MA 01604','M',71,109,null);

INSERT INTO Patient VALUES(100090,'Theodore','Hansen','(935) 386-3833','THansen@yahoo.com','1974-11-19','151 Lilac Court Soddy Daisy TN 37379','M',74,113,123);

INSERT INTO Patient VALUES(100091,'Elaine','Patterson','(933) 929-0073','EPatterson@aol.com','1957-04-23','811 Elm Avenue Mount Juliet TN 37122','F',65,103,427);

INSERT INTO Patient VALUES(100092,'Cameron','Buchanan','(438) 293-7860','CBuchanan@gmail.com','1942-12-02','710 Peninsula St. New Britain CT 06051','M',67,110,null);

INSERT INTO Patient VALUES(100093,'Brandi','Price','(692) 435-6605','BPrice@aol.com','2004-11-02','251 Princeton Street Cherry Hill NJ 08003','F',69,182,null);

INSERT INTO Patient VALUES(100094,'Lorene','Ward','(492) 890-7252','LWard@yahoo.com','1937-06-11','9374 Hanover St. Kent OH 44240','F',53,130,311);

INSERT INTO Patient VALUES(100095,'Antonio','Todd','(284) 785-1674','ATodd@yahoo.com','2008-06-30','52 Annadale Drive Ridgecrest CA 93555','M',59,137,422);

INSERT INTO Patient VALUES(100096,'Austin','Maxwell','(951) 336-6240','AMaxwell@aol.com','1973-08-09','13 Miles St. Colorado Springs CO 80911','M',74,142,null);

INSERT INTO Patient VALUES(100097,'Robin','Phillips','(507) 550-7816','RPhillips@yahoo.com','1977-10-31','9839 Dogwood Court Merrillville IN 46410','F',59,163,null);

INSERT INTO Patient VALUES(100098,'Perry','Kim','(690) 668-4536','PKim@aol.com','1956-09-23','326 Peg Shop Lane Lake Worth FL 33460','M',63,125,313);

INSERT INTO Patient VALUES(100099,'Gregory','Cobb','(226) 653-6230','GCobb@yahoo.com','2013-11-16','4 Vernon Lane Burnsville MN 55337','M',67,161,316);

INSERT INTO Patient VALUES(100100,'Pearl','Allen','(238) 929-5477','PAllen@yahoo.com','2021-04-26','7964 Shore St. Clarksburg WV 26301','F',26,18,null);

EmergencyContact

INSERT INTO EmergencyContact VALUES('Mario Castro',100000,'Parent','(393) 332-3177');

INSERT INTO EmergencyContact VALUES('Karl Cunningham',100001,'Spouse','(404) 620-1899');

INSERT INTO EmergencyContact VALUES('Lena Luna',100002,'Spouse','(834) 320-6516');

INSERT INTO EmergencyContact VALUES('Alexander Ramirez',100003,'Parent','(358) 255-4489');

INSERT INTO EmergencyContact VALUES('Cornelius Herrera',100004,'Spouse','(694) 268-4825');

INSERT INTO EmergencyContact VALUES('Myrtle Sparks',100005,'Sibling','(843) 613-9962');

INSERT INTO EmergencyContact VALUES('Gayle Cohen',100006,'Spouse','(222) 553-3588');

INSERT INTO EmergencyContact VALUES('Annie Wise',100007,'Guardian','(970) 855-4898');

INSERT INTO EmergencyContact VALUES('Carmen Reese',100008,'Parent','(211) 876-6100');

INSERT INTO EmergencyContact VALUES('Lorenzo Wells',100009,'Grandparent','(503) 304-9818');

INSERT INTO EmergencyContact VALUES('Justin Barker',100010,'Parent','(309) 662-5848');

INSERT INTO EmergencyContact VALUES('Marsha Fernandez',100011,'Grandparent','(821) 380-0051');

INSERT INTO EmergencyContact VALUES('Brendan Ross',100012,'Spouse','(684) 863-8723');

INSERT INTO EmergencyContact VALUES('Mabel Graham',100013,'Sibling','(367) 205-3265');

INSERT INTO EmergencyContact VALUES('Monique Lucas',100014,'Grandparent','(387) 695-3746');

INSERT INTO EmergencyContact VALUES('Tanya Gross',100015,'Guardian','(500) 241-6430');

INSERT INTO EmergencyContact VALUES('Whitney Padilla',100016,'Guardian','(612) 622-1217');

INSERT INTO EmergencyContact VALUES('Irma Powers',100017,'Sibling','(487) 735-7566');

INSERT INTO EmergencyContact VALUES('Jean Hawkins',100018,'Parent','(962) 509-3399');

INSERT INTO EmergencyContact VALUES('Terry Tucker',100019,'Sibling','(692) 702-1598');

INSERT INTO EmergencyContact VALUES('Tracy Gill',100020,'Parent','(206) 490-0648');

INSERT INTO EmergencyContact VALUES('Jasmine Morgan',100021,'Spouse','(303) 861-0616');

INSERT INTO EmergencyContact VALUES('Lana Collier',100023,'Guardian','(852) 753-8082');

INSERT INTO EmergencyContact VALUES('Penny Bates',100024,'Sibling','(706) 893-1866');

INSERT INTO EmergencyContact VALUES('Sandra West',100025,'Grandparent','(399) 855-1267');

INSERT INTO EmergencyContact VALUES('Dolores Carson',100026,'Spouse','(560) 933-6365');

INSERT INTO EmergencyContact VALUES('Joshua Weber',100027,'Sibling','(297) 396-4576');

INSERT INTO EmergencyContact VALUES('Gregory Hardy',100028,'Spouse','(848) 260-4147');

INSERT INTO EmergencyContact VALUES('Genevieve Byrd',100029,'Guardian','(817) 346-4625');

INSERT INTO EmergencyContact VALUES('Jana Tran',100030,'Grandparent','(592) 299-0976');

INSERT INTO EmergencyContact VALUES('Alejandro Hines',100031,'Sibling','(267) 505-5706');

INSERT INTO EmergencyContact VALUES('Jacob Nguyen',100032,'Sibling','(498) 934-3745');

INSERT INTO EmergencyContact VALUES('Erik Dixon',100033,'Guardian','(544) 922-8955');

INSERT INTO EmergencyContact VALUES('Margarita Robbins',100034,'Grandparent','(206) 504-8127');

INSERT INTO EmergencyContact VALUES('Olive Allen',100035,'Parent','(411) 909-2663');

INSERT INTO EmergencyContact VALUES('Grace Moreno',100036,'Parent','(331) 764-5913');

INSERT INTO EmergencyContact VALUES('Gilbert Salazar',100037,'Sibling','(200) 323-3215');

INSERT INTO EmergencyContact VALUES('Manuel Mckenzie',100038,'Parent','(619) 536-8333');

INSERT INTO EmergencyContact VALUES('Corey Mathis',100039,'Sibling','(803) 233-6878');

INSERT INTO EmergencyContact VALUES('Yvonne Young',100040,'Guardian','(412) 466-1002');

INSERT INTO EmergencyContact VALUES('Katie Wheeler',100041,'Sibling','(297) 213-2422');

INSERT INTO EmergencyContact VALUES('April Maldonado',100042,'Parent','(436) 330-9808');

INSERT INTO EmergencyContact VALUES('Andres Patrick',100043,'Parent','(844) 918-5600');

INSERT INTO EmergencyContact VALUES('Edna Morton',100044,'Parent','(895) 814-6035');

INSERT INTO EmergencyContact VALUES('Jerome Cannon',100045,'Guardian','(453) 911-4272');

INSERT INTO EmergencyContact VALUES('Bernadette Moran',100046,'Grandparent','(645) 908-0423');

INSERT INTO EmergencyContact VALUES('Valerie Porter',100047,'Grandparent','(396) 834-0373');

INSERT INTO EmergencyContact VALUES('Jerry Klein',100048,'Grandparent','(796) 256-6609');

INSERT INTO EmergencyContact VALUES('Eric Watts',100049,'Guardian','(920) 677-1768');

INSERT INTO EmergencyContact VALUES('Adam Frank',100050,'Parent','(537) 848-4337');

INSERT INTO EmergencyContact VALUES('Guy Moore',100051,'Sibling','(553) 511-4628');

INSERT INTO EmergencyContact VALUES('Timothy Waters',100052,'Parent','(970) 460-0678');

INSERT INTO EmergencyContact VALUES('Ethel Olson',100053,'Grandparent','(308) 560-6578');

INSERT INTO EmergencyContact VALUES('Erika Jordan',100054,'Spouse','(888) 393-7481');

INSERT INTO EmergencyContact VALUES('Darryl Caldwell',100055,'Grandparent','(803) 680-9934');

INSERT INTO EmergencyContact VALUES('Shawna Weaver',100056,'Spouse','(497) 499-9330');

INSERT INTO EmergencyContact VALUES('Sandy Hill',100057,'Guardian','(776) 734-4036');

INSERT INTO EmergencyContact VALUES('Amanda Scott',100058,'Grandparent','(237) 905-4483');

INSERT INTO EmergencyContact VALUES('Adrienne Cook',100059,'Sibling','(446) 395-2003');

INSERT INTO EmergencyContact VALUES('Marshall Stephens',100060,'Guardian','(958) 570-0197');

INSERT INTO EmergencyContact VALUES('Rita Jimenez',100061,'Sibling','(505) 794-9015');

INSERT INTO EmergencyContact VALUES('Ignacio Warner',100062,'Grandparent','(595) 572-1524');

INSERT INTO EmergencyContact VALUES('Bradford James',100063,'Guardian','(745) 648-5366');

INSERT INTO EmergencyContact VALUES('Lucia Jackson',100064,'Guardian','(216) 306-3674');

INSERT INTO EmergencyContact VALUES('Beth Vasquez',100065,'Parent','(386) 922-9285');

INSERT INTO EmergencyContact VALUES('Beverly Mason',100066,'Sibling','(837) 735-4962');

INSERT INTO EmergencyContact VALUES('Meredith Jenkins',100067,'Parent','(483) 948-1065');

INSERT INTO EmergencyContact VALUES('Harvey Diaz',100068,'Grandparent','(989) 359-1945');

INSERT INTO EmergencyContact VALUES('Elsa Potter',100069,'Guardian','(863) 263-6354');

INSERT INTO EmergencyContact VALUES('Martha Schmidt',100070,'Grandparent','(301) 250-0177');

INSERT INTO EmergencyContact VALUES('Gerald Davidson',100071,'Grandparent','(343) 528-0838');

INSERT INTO EmergencyContact VALUES('Kristy Miller',100072,'Parent','(389) 418-3263');

INSERT INTO EmergencyContact VALUES('Grady Summers',100073,'Spouse','(868) 786-5578');

INSERT INTO EmergencyContact VALUES('Austin Newman',100074,'Sibling','(626) 715-3739');

INSERT INTO EmergencyContact VALUES('Dana Garcia',100075,'Parent','(258) 564-6443');

INSERT INTO EmergencyContact VALUES('Cora Vaughn',100076,'Spouse','(228) 886-9583');

INSERT INTO EmergencyContact VALUES('Phillip Johnston',100077,'Guardian','(362) 298-6790');

INSERT INTO EmergencyContact VALUES('Gwendolyn Robinson',100078,'Grandparent','(459) 341-5217');

INSERT INTO EmergencyContact VALUES('Dawn Clayton',100079,'Parent','(873) 362-2248');

INSERT INTO EmergencyContact VALUES('Mamie Stevenson',100080,'Spouse','(268) 747-9326');

INSERT INTO EmergencyContact VALUES('Bertha Nunez',100081,'Grandparent','(964) 947-9616');

INSERT INTO EmergencyContact VALUES('Irvin Brown',100082,'Grandparent','(417) 651-5492');

INSERT INTO EmergencyContact VALUES('Myra Mann',100083,'Sibling','(366) 486-2072');

INSERT INTO EmergencyContact VALUES('Nadine Hernandez',100084,'Sibling','(528) 609-4824');

INSERT INTO EmergencyContact VALUES('Chester Reed',100085,'Parent','(739) 315-0736');

INSERT INTO EmergencyContact VALUES('Dora Wallace',100086,'Parent','(791) 704-8688');

INSERT INTO EmergencyContact VALUES('Derrick Hamilton',100087,'Sibling','(943) 734-7781');

INSERT INTO EmergencyContact VALUES('Shelley Stone',100088,'Sibling','(316) 873-5265');

INSERT INTO EmergencyContact VALUES('Grant Osborne',100089,'Guardian','(280) 914-6146');

INSERT INTO EmergencyContact VALUES('Woodrow Curtis',100090,'Guardian','(454) 833-1870');

INSERT INTO EmergencyContact VALUES('Tasha Ramos',100091,'Grandparent','(858) 727-2629');

INSERT INTO EmergencyContact VALUES('Alan Sandoval',100092,'Grandparent','(451) 823-8674');

INSERT INTO EmergencyContact VALUES('Paula Munoz',100093,'Sibling','(254) 621-4820');

INSERT INTO EmergencyContact VALUES('Jody Matthews',100094,'Guardian','(735) 901-6091');

INSERT INTO EmergencyContact VALUES('Georgia Peterson',100095,'Grandparent','(282) 686-0652');

INSERT INTO EmergencyContact VALUES('Marcus Bryant',100096,'Parent','(327) 835-6720');

INSERT INTO EmergencyContact VALUES('Danny Garza',100097,'Sibling','(227) 827-0985');

INSERT INTO EmergencyContact VALUES('Joann Torres',100098,'Sibling','(261) 572-0528');

INSERT INTO EmergencyContact VALUES('Eula Manning',100099,'Sibling','(553) 753-4162');

INSERT INTO EmergencyContact VALUES('Shannon Conner',100100,'Parent','(903) 251-8902');

Employee

INSERT INTO Employee VALUES(110,'Henry','Brady','DO','(322) 857-8367','HBrady@gmail.com','3 Marconi St. Westgate IA 50681','D');

INSERT INTO Employee VALUES(111,'Frances','Daniel','MD','(603) 412-4437','FDaniel@aol.com','372 W. Bloomfield Ave. Rolfe IA 50581','D');

INSERT INTO Employee VALUES(112,'Ida','Erickson','MD','(495) 850-3465','IErickson@aol.com','557 Cemetery Street Paton IA 50217','D');

INSERT INTO Employee VALUES(113,'Tony','Jensen','MD','(672) 201-6771','TJensen@aol.com','5 Lilac St. Pleasant Hill IA 50327','D');

INSERT INTO Employee VALUES(114,'Dorothy','Cobb','DO','(866) 980-4038','DCobb@aol.com','58 Cemetery Road Albion IA 50005','D');

INSERT INTO Employee VALUES(115,'Sally','Burton','MD','(226) 681-2532','SBurton@aol.com','88 Heather St. Birmingham IA 52535','D');

INSERT INTO Employee VALUES(116,'Courtney','Miller','OBGYN','(622) 494-4388','CMiller@aol.com','127 Glen Eagles Ave. Hull IA 51239','D');

INSERT INTO Employee VALUES(117,'Amy','Tyler','MD','(737) 482-2090','ATyler@yahoo.com','807 Beaver Ridge Street Alden IA 50006','D');

INSERT INTO Employee VALUES(118,'Byron','Graves','MD','(569) 569-3777','BGraves@yahoo.com','629 Third Ave. Blencoe IA 51523','D');

INSERT INTO Employee VALUES(119,'Guy','Fields','OBGYN','(844) 944-6146','GFields@gmail.com','887 Rosemary Street Persia IA 51563','D');

INSERT INTO Employee VALUES(200,'Kathleen','Drake','BSN','(630) 464-2059','KDrake@yahoo.com','52 S. County Road Grand Mound IA 52751','N');

INSERT INTO Employee VALUES(201,'Christina','Reynolds','BSN','(997) 687-4105','CReynolds@yahoo.com','8575 Nightingale Street Ute IA 51060','N');

INSERT INTO Employee VALUES(202,'Iris','Marshall','MSN','(893) 561-9601','IMarshall@gmail.com','9122 Honor Ave. Donahue IA 52746','N');

INSERT INTO Employee VALUES(203,'Georgia','Dean','MSN','(730) 946-1615','GDean@gmail.com','8516 Cleveland Street Northwood IA 50459','N');

INSERT INTO Employee VALUES(204,'Joy','Holland','ADN','(896) 763-3953','JHolland@aol.com','473 Primrose Rd. Houghton IA 52631','N');

INSERT INTO Employee VALUES(205,'Desiree','Scott','MSN','(615) 517-2023','DScott@gmail.com','7022 School Street Algona IA 50511','N');

INSERT INTO Employee VALUES(206,'Tamara','Nguyen','MSN','(204) 321-7334','TNguyen@yahoo.com','68 Lavender Street Dedham IA 51440','N');

INSERT INTO Employee VALUES(207,'Constance','Romero','BSN','(654) 534-5324','CRomero@aol.com','33 Stonybrook Avenue Smithland IA 51056','N');

INSERT INTO Employee VALUES(208,'Allison','Bryant','ADN','(533) 501-2731','ABryant@aol.com','34 Hall Court Altoona IA 50009','N');

INSERT INTO Employee VALUES(209,'Colleen','Simpson','MSN','(883) 258-8078','CSimpson@gmail.com','9883 Coral Court Alleman IA 50007','N');

INSERT INTO Employee VALUES(210,'Ana','Sanders','MSN','(567) 785-4744','ASanders@yahoo.com','57 Glen Eagles Dr. Blencoe IA 51523','N');

INSERT INTO Employee VALUES(211,'Emmett','Schultz','BSN','(406) 827-5232','ESchultz@gmail.com','14 Howard St. Manchester IA 52057','N');

INSERT INTO Employee VALUES(212,'Bennie','May','BSN','(455) 801-0028','BMay@aol.com','9064 Hope Street Crystal Lake IA 50432','N');

INSERT INTO Employee VALUES(213,'Christopher','Saunders','ADN','(609) 502-2491','CSaunders@yahoo.com','46 Archer St. Webster IA 52355','N');

INSERT INTO Employee VALUES(214,'Gertrude','Craig','BSN','(970) 995-2024','GCraig@gmail.com','9683 Achorage Court Hamilton IA 50116','N');

INSERT INTO Employee VALUES(215,'Geoffrey','Willis','MSN','(697) 727-5192','GWillis@gmail.com','7193 San Juan Drive Dunkerton IA 50626','N');

INSERT INTO Employee VALUES(216,'Lillie','Mckinney','ADN','(539) 730-0664','LMckinney@gmail.com','943 Phoenix Ave. Lytton IA 50561','N');

INSERT INTO Employee VALUES(217,'Terrence','Hale','ADN','(453) 947-7806','THale@gmail.com','425 Rockledge St. Dysart IA 52224','N');

INSERT INTO Employee VALUES(218,'Kurt','Bridges','ADN','(801) 393-8344','KBridges@aol.com','34 Trout Ave. Wilton IA 52778','N');

INSERT INTO Employee VALUES(219,'Doug','Lambert','BSN','(803) 903-6344','DLambert@gmail.com','407 Rockwell Court Albia IA 52531','N');

INSERT INTO Employee VALUES(220,'Rochelle','Webster','MSN','(318) 750-6961','RWebster@gmail.com','95 Greenview Court Gravity IA 50848','N');

INSERT INTO Employee VALUES(221,'Vanessa','Marsh','BSN','(885) 291-7502','VMarsh@yahoo.com','606 North Fountain Court Saint Charles IA 50240','N');

INSERT INTO Employee VALUES(222,'Erik','Hunter','BSN','(288) 877-8982','EHunter@gmail.com','12 Glen Eagles Street Archer IA 51231','N');

INSERT INTO Employee VALUES(223,'Floyd','Myers','BSN','(222) 842-4067','FMyers@yahoo.com','699 Fifth St. Hawarden IA 51023','N');

INSERT INTO Employee VALUES(224,'Jimmie','Lindsey','MSN','(605) 746-4512','JLindsey@aol.com','95 N. Merchant Rd. Hazleton IA 50641','N');

Nurse

INSERT INTO Nurse VALUES(200);

INSERT INTO Nurse VALUES(201);

INSERT INTO Nurse VALUES(202);

INSERT INTO Nurse VALUES(203);

INSERT INTO Nurse VALUES(204);

INSERT INTO Nurse VALUES(205);

INSERT INTO Nurse VALUES(206);

INSERT INTO Nurse VALUES(207);

INSERT INTO Nurse VALUES(208);

INSERT INTO Nurse VALUES(209);

INSERT INTO Nurse VALUES(210);

INSERT INTO Nurse VALUES(211);

INSERT INTO Nurse VALUES(212);

INSERT INTO Nurse VALUES(213);

INSERT INTO Nurse VALUES(214);

INSERT INTO Nurse VALUES(215);

INSERT INTO Nurse VALUES(216);

INSERT INTO Nurse VALUES(217);

INSERT INTO Nurse VALUES(218);

INSERT INTO Nurse VALUES(219);

INSERT INTO Nurse VALUES(220);

INSERT INTO Nurse VALUES(221);

INSERT INTO Nurse VALUES(222);

INSERT INTO Nurse VALUES(223);

INSERT INTO Nurse VALUES(224);

Doctor

INSERT INTO Doctor VALUES(110,'Neurologist',130);

INSERT INTO Doctor VALUES(111,'Radiologist',230);

INSERT INTO Doctor VALUES(112,'Anesthesiologist',331);

INSERT INTO Doctor VALUES(113,'Internist',332);

INSERT INTO Doctor VALUES(114,'Family Physician',231);

INSERT INTO Doctor VALUES(115,'Emergency Physician',131);

INSERT INTO Doctor VALUES(116,'Obstetrician',330);

INSERT INTO Doctor VALUES(117,'Radiologist',231);

INSERT INTO Doctor VALUES(118,'Emergency Physician',132);

INSERT INTO Doctor VALUES(119,'Obstetrician',430);

DoctorSupervision

INSERT INTO DoctorSupervision VALUES(110,223,'Neurology');

INSERT INTO DoctorSupervision VALUES(110,218,'Neurology');

INSERT INTO DoctorSupervision VALUES(110,209,'Neurology');

INSERT INTO DoctorSupervision VALUES(110,200,'Neurology');

INSERT INTO DoctorSupervision VALUES(110,211,'Neurology');

INSERT INTO DoctorSupervision VALUES(110,207,'Neurology');

INSERT INTO DoctorSupervision VALUES(110,214,'Neurology');

INSERT INTO DoctorSupervision VALUES(110,212,'Neurology');

INSERT INTO DoctorSupervision VALUES(111,210,'Radiology');

INSERT INTO DoctorSupervision VALUES(111,201,'Radiology');

INSERT INTO DoctorSupervision VALUES(111,214,'Radiology');

INSERT INTO DoctorSupervision VALUES(111,219,'Radiology');

INSERT INTO DoctorSupervision VALUES(111,221,'Radiology');

INSERT INTO DoctorSupervision VALUES(111,220,'Radiology');

INSERT INTO DoctorSupervision VALUES(111,222,'Radiology');

INSERT INTO DoctorSupervision VALUES(111,205,'Radiology');

INSERT INTO DoctorSupervision VALUES(113,220,'Internal Medicine');

INSERT INTO DoctorSupervision VALUES(113,211,'Internal Medicine');

INSERT INTO DoctorSupervision VALUES(113,202,'Internal Medicine');

INSERT INTO DoctorSupervision VALUES(113,204,'Internal Medicine');

INSERT INTO DoctorSupervision VALUES(113,210,'Internal Medicine');

INSERT INTO DoctorSupervision VALUES(113,215,'Internal Medicine');

INSERT INTO DoctorSupervision VALUES(114,212,'Family Medicine');

INSERT INTO DoctorSupervision VALUES(114,203,'Family Medicine');

INSERT INTO DoctorSupervision VALUES(114,221,'Family Medicine');

INSERT INTO DoctorSupervision VALUES(114,201,'Family Medicine');

INSERT INTO DoctorSupervision VALUES(114,224,'Family Medicine');

INSERT INTO DoctorSupervision VALUES(114,200,'Family Medicine');

INSERT INTO DoctorSupervision VALUES(115,204,'Emergency Care');

INSERT INTO DoctorSupervision VALUES(115,222,'Emergency Care');

INSERT INTO DoctorSupervision VALUES(115,213,'Emergency Care');

INSERT INTO DoctorSupervision VALUES(115,218,'Emergency Care');

INSERT INTO DoctorSupervision VALUES(115,202,'Emergency Care');

INSERT INTO DoctorSupervision VALUES(115,219,'Emergency Care');

INSERT INTO DoctorSupervision VALUES(116,205,'OBG');

INSERT INTO DoctorSupervision VALUES(117,215,'Radiology');

INSERT INTO DoctorSupervision VALUES(117,206,'Radiology');

INSERT INTO DoctorSupervision VALUES(117,224,'Radiology');

INSERT INTO DoctorSupervision VALUES(117,216,'Radiology');

INSERT INTO DoctorSupervision VALUES(118,207,'Emergency Care');

INSERT INTO DoctorSupervision VALUES(118,216,'Emergency Care');

INSERT INTO DoctorSupervision VALUES(118,208,'Emergency Care');

INSERT INTO DoctorSupervision VALUES(118,217,'Emergency Care');

INSERT INTO DoctorSupervision VALUES(119,208,'OBG');

INSERT INTO DoctorSupervision VALUES(119,209,'OBG');

INSERT INTO DoctorSupervision VALUES(119,213,'OBG');

Visit

INSERT INTO Visit VALUES(100001,100000,113,220,'2000-12-22','2000-12-24');

INSERT INTO Visit VALUES(100002,100000,110,212,'2001-12-13','2001-12-13');

INSERT INTO Visit VALUES(100003,100001,116,205,'2002-03-19','2002-03-19');

INSERT INTO Visit VALUES(100004,100001,111,205,'2002-10-07','2002-10-07');

INSERT INTO Visit VALUES(100005,100002,113,204,'2003-05-29','2003-05-31');

INSERT INTO Visit VALUES(100006,100002,111,221,'2003-12-08','2003-12-08');

INSERT INTO Visit VALUES(100007,100003,114,203,'2005-09-16','2005-09-16');

INSERT INTO Visit VALUES(100008,100003,114,203,'2005-10-03','2005-10-03');

INSERT INTO Visit VALUES(100009,100004,114,201,'2014-05-31','2014-06-02');

INSERT INTO Visit VALUES(100010,100004,114,224,'2016-12-16','2016-12-16');

INSERT INTO Visit VALUES(100011,100005,113,211,'2010-03-03','2010-03-04');

INSERT INTO Visit VALUES(100012,100005,117,215,'2010-04-28','2010-04-28');

INSERT INTO Visit VALUES(100013,100006,115,213,'2011-06-28','2011-06-28');

INSERT INTO Visit VALUES(100014,100006,111,210,'2011-11-02','2011-11-02');

INSERT INTO Visit VALUES(100015,100007,118,207,'2013-06-27','2013-06-27');

INSERT INTO Visit VALUES(100016,100007,111,222,'2014-01-03','2014-01-03');

INSERT INTO Visit VALUES(100017,100008,117,206,'2014-04-17','2014-04-17');

INSERT INTO Visit VALUES(100018,100008,113,220,'2018-01-26','2018-01-27');

INSERT INTO Visit VALUES(100019,100009,110,214,'2018-11-07','2018-11-07');

INSERT INTO Visit VALUES(100020,100009,110,211,'2018-11-20','2018-11-20');

INSERT INTO Visit VALUES(100021,100010,113,215,'2019-03-05','2019-03-07');

INSERT INTO Visit VALUES(100022,100010,118,217,'2020-12-11','2020-12-11');

INSERT INTO Visit VALUES(100023,100011,114,200,'2021-04-12','2021-04-12');

INSERT INTO Visit VALUES(100024,100011,114,221,'2021-05-06','2021-05-06');

INSERT INTO Visit VALUES(100025,100012,117,206,'2021-11-30','2021-11-30');

INSERT INTO Visit VALUES(100026,100012,114,212,'1999-03-19','1999-03-19');

INSERT INTO Visit VALUES(100027,100013,117,224,'2003-08-06','2003-08-06');

INSERT INTO Visit VALUES(100028,100013,117,215,'2004-12-24','2004-12-24');

INSERT INTO Visit VALUES(100029,100014,115,213,'2006-09-22','2006-09-22');

INSERT INTO Visit VALUES(100030,100014,113,202,'2008-01-25','2008-01-27');

INSERT INTO Visit VALUES(100031,100015,114,203,'2018-02-20','2018-02-21');

INSERT INTO Visit VALUES(100032,100015,114,201,'2018-07-23','2018-07-23');

INSERT INTO Visit VALUES(100033,100016,114,201,'2010-05-19','2010-05-19');

INSERT INTO Visit VALUES(100034,100016,114,201,'2011-04-06','2011-04-06');

INSERT INTO Visit VALUES(100035,100017,117,216,'2012-05-28','2012-05-28');

INSERT INTO Visit VALUES(100036,100017,111,221,'2013-01-01','2013-01-01');

INSERT INTO Visit VALUES(100037,100018,115,204,'2013-06-28','2013-06-28');

INSERT INTO Visit VALUES(100038,100018,115,202,'2013-12-17','2013-12-17');

INSERT INTO Visit VALUES(100039,100019,110,218,'2014-09-16','2014-09-16');

INSERT INTO Visit VALUES(100040,100019,114,212,'2014-09-26','2014-09-26');

INSERT INTO Visit VALUES(100041,100020,119,213,'2014-10-24','2014-10-24');

INSERT INTO Visit VALUES(100042,100020,115,202,'2016-04-04','2016-04-04');

INSERT INTO Visit VALUES(100043,100021,118,216,'2017-03-27','2017-03-27');

INSERT INTO Visit VALUES(100044,100021,114,224,'2018-01-09','2018-01-09');

INSERT INTO Visit VALUES(100045,100023,118,217,'2020-02-12','2020-02-12');

INSERT INTO Visit VALUES(100046,100023,118,217,'2020-05-29','2020-05-29');

INSERT INTO Visit VALUES(100047,100024,117,216,'2020-06-17','2020-06-17');

INSERT INTO Visit VALUES(100048,100025,118,207,'2020-06-22','2020-06-22');

INSERT INTO Visit VALUES(100049,100026,115,213,'2021-04-16','2021-04-16');

INSERT INTO Visit VALUES(100050,100027,117,206,'2021-04-29','2021-04-29');

INSERT INTO Visit VALUES(100051,100028,111,205,'1998-01-22','1998-01-22');

INSERT INTO Visit VALUES(100052,100029,119,208,'1998-11-12','1998-11-12');

INSERT INTO Visit VALUES(100053,100030,111,210,'2000-05-10','2000-05-10');

INSERT INTO Visit VALUES(100054,100031,110,212,'2000-08-30','2000-08-30');

INSERT INTO Visit VALUES(100055,100032,114,203,'2009-07-05','2009-07-05');

INSERT INTO Visit VALUES(100056,100033,114,221,'2002-07-15','2002-07-15');

INSERT INTO Visit VALUES(100057,100034,110,218,'2002-09-05','2002-09-05');

INSERT INTO Visit VALUES(100058,100035,111,201,'2007-04-16','2007-04-16');

INSERT INTO Visit VALUES(100059,100036,113,204,'2010-08-06','2010-08-08');

INSERT INTO Visit VALUES(100060,100036,118,208,'2011-06-13','2011-06-13');

INSERT INTO Visit VALUES(100061,100037,113,220,'2011-12-27','2011-12-27');

INSERT INTO Visit VALUES(100062,100037,110,218,'2012-10-19','2012-10-19');

INSERT INTO Visit VALUES(100063,100038,118,208,'2014-03-03','2014-03-03');

INSERT INTO Visit VALUES(100064,100038,118,217,'2014-07-07','2014-07-07');

INSERT INTO Visit VALUES(100065,100039,110,214,'2014-11-20','2014-11-20');

INSERT INTO Visit VALUES(100066,100039,110,214,'2014-12-22','2014-12-22');

INSERT INTO Visit VALUES(100067,100040,114,201,'2015-03-09','2015-03-09');

INSERT INTO Visit VALUES(100068,100040,111,210,'2015-11-18','2015-11-18');

INSERT INTO Visit VALUES(100069,100041,110,214,'2016-09-06','2016-09-06');

INSERT INTO Visit VALUES(100070,100041,111,210,'2017-03-21','2017-03-21');

INSERT INTO Visit VALUES(100071,100042,110,223,'2017-04-05','2017-04-05');

INSERT INTO Visit VALUES(100072,100042,115,222,'2017-07-27','2017-07-27');

INSERT INTO Visit VALUES(100073,100043,111,214,'2017-09-22','2017-09-22');

INSERT INTO Visit VALUES(100074,100043,115,202,'2017-12-21','2017-12-21');

INSERT INTO Visit VALUES(100075,100044,113,215,'2018-06-05','2018-06-09');

INSERT INTO Visit VALUES(100076,100044,113,202,'1998-09-01','1998-09-04');

INSERT INTO Visit VALUES(100077,100044,111,205,'1999-11-16','1999-11-16');

INSERT INTO Visit VALUES(100078,100045,111,214,'2000-09-05','2000-09-05');

INSERT INTO Visit VALUES(100079,100045,119,208,'2001-11-22','2001-11-22');

INSERT INTO Visit VALUES(100080,100045,118,207,'2005-03-22','2005-03-22');

INSERT INTO Visit VALUES(100081,100046,114,224,'2006-12-11','2006-12-11');

INSERT INTO Visit VALUES(100082,100046,115,204,'2007-02-12','2007-02-12');

INSERT INTO Visit VALUES(100083,100046,117,224,'2008-12-12','2008-12-12');

INSERT INTO Visit VALUES(100084,100047,115,204,'2009-08-10','2009-08-10');

INSERT INTO Visit VALUES(100085,100047,110,209,'2010-05-31','2010-05-31');

INSERT INTO Visit VALUES(100086,100047,110,207,'2011-08-03','2011-08-03');

INSERT INTO Visit VALUES(100087,100048,111,219,'2011-10-20','2011-10-20');

INSERT INTO Visit VALUES(100088,100048,115,218,'2012-12-06','2012-12-06');

INSERT INTO Visit VALUES(100089,100048,111,221,'2013-04-25','2013-04-25');

INSERT INTO Visit VALUES(100090,100049,115,218,'2013-08-26','2013-08-26');

INSERT INTO Visit VALUES(100091,100049,111,220,'2013-09-06','2013-09-06');

INSERT INTO Visit VALUES(100092,100049,117,206,'2014-03-26','2014-03-26');

INSERT INTO Visit VALUES(100093,100050,113,202,'1998-12-22','1998-12-23');

INSERT INTO Visit VALUES(100094,100050,113,210,'2016-08-30','2016-08-30');

INSERT INTO Visit VALUES(100095,100050,111,201,'2017-01-17','2017-01-17');

INSERT INTO Visit VALUES(100096,100050,111,214,'2018-05-01','2018-05-03');

INSERT INTO Visit VALUES(100097,100051,119,208,'2018-07-27','2018-07-27');

INSERT INTO Visit VALUES(100098,100051,110,209,'2019-09-17','2019-09-17');

INSERT INTO Visit VALUES(100099,100051,113,211,'2021-07-30','2021-07-31');

INSERT INTO Visit VALUES(100100,100052,119,213,'2021-10-13','2021-10-13');

INSERT INTO Visit VALUES(100101,100052,116,205,'1998-09-01','1998-09-01');

INSERT INTO Visit VALUES(100102,100052,110,212,'1999-11-16','1999-11-16');

INSERT INTO Visit VALUES(100103,100052,119,209,'2000-09-05','2000-09-05');

INSERT INTO Visit VALUES(100104,100053,118,208,'2001-11-22','2001-11-22');

INSERT INTO Visit VALUES(100105,100053,113,202,'2005-03-22','2005-03-24');

INSERT INTO Visit VALUES(100106,100053,110,207,'2006-12-11','2006-12-11');

INSERT INTO Visit VALUES(100107,100054,115,219,'2007-02-12','2007-02-12');

INSERT INTO Visit VALUES(100108,100054,114,201,'2008-12-12','2008-12-12');

INSERT INTO Visit VALUES(100109,100054,111,220,'2009-08-10','2009-08-10');

INSERT INTO Visit VALUES(100110,100055,118,207,'2010-05-31','2010-05-31');

INSERT INTO Visit VALUES(100111,100055,111,219,'2011-08-03','2011-08-03');

INSERT INTO Visit VALUES(100112,100056,113,210,'2011-10-20','2011-10-21');

INSERT INTO Visit VALUES(100113,100056,114,221,'2012-12-06','2012-12-06');

INSERT INTO Visit VALUES(100114,100057,110,209,'2013-04-25','2013-04-25');

INSERT INTO Visit VALUES(100115,100057,117,206,'2013-08-26','2013-08-26');

INSERT INTO Visit VALUES(100116,100058,110,211,'2013-09-06','2013-09-06');

INSERT INTO Visit VALUES(100117,100058,119,208,'2014-03-26','2014-03-26');

INSERT INTO Visit VALUES(100118,100059,111,220,'2014-06-13','2014-06-13');

INSERT INTO Visit VALUES(100119,100059,114,212,'2016-08-30','2016-08-30');

INSERT INTO Visit VALUES(100120,100060,115,218,'2017-01-17','2017-01-17');

INSERT INTO Visit VALUES(100121,100060,110,207,'2018-05-01','2018-05-01');

INSERT INTO Visit VALUES(100122,100061,119,209,'2018-07-27','2018-07-27');

INSERT INTO Visit VALUES(100123,100061,110,223,'2019-09-17','2019-09-17');

INSERT INTO Visit VALUES(100124,100062,117,224,'2021-07-30','2021-07-30');

INSERT INTO Visit VALUES(100125,100062,114,224,'2021-10-13','2021-10-13');

INSERT INTO Visit VALUES(100126,100063,110,207,'1998-07-09','1998-07-09');

INSERT INTO Visit VALUES(100127,100063,114,221,'1998-09-07','1998-09-07');

INSERT INTO Visit VALUES(100128,100064,110,200,'2000-02-15','2000-02-15');

INSERT INTO Visit VALUES(100129,100064,118,216,'2000-02-29','2000-02-29');

INSERT INTO Visit VALUES(100130,100065,117,206,'2000-04-24','2000-04-24');

INSERT INTO Visit VALUES(100131,100065,110,212,'2010-12-27','2010-12-27');

INSERT INTO Visit VALUES(100132,100066,110,200,'2001-11-29','2001-11-29');

INSERT INTO Visit VALUES(100133,100066,115,219,'2002-03-11','2002-03-11');

INSERT INTO Visit VALUES(100134,100066,115,204,'2003-10-03','2003-10-03');

INSERT INTO Visit VALUES(100135,100067,110,200,'2003-10-14','2003-10-14');

INSERT INTO Visit VALUES(100136,100067,110,223,'2006-11-14','2006-11-14');

INSERT INTO Visit VALUES(100137,100067,118,216,'2007-07-25','2007-07-25');

INSERT INTO Visit VALUES(100138,100068,114,200,'2007-12-10','2007-12-10');

INSERT INTO Visit VALUES(100139,100068,113,220,'2008-08-13','2008-08-14');

INSERT INTO Visit VALUES(100140,100068,111,201,'2009-11-04','2009-11-04');

INSERT INTO Visit VALUES(100141,100069,111,205,'2009-11-13','2009-11-13');

INSERT INTO Visit VALUES(100142,100069,115,218,'2012-11-20','2012-11-20');

INSERT INTO Visit VALUES(100143,100069,111,201,'2013-11-11','2013-11-11');

INSERT INTO Visit VALUES(100144,100070,111,219,'2014-04-22','2014-04-22');

INSERT INTO Visit VALUES(100145,100070,115,213,'2014-06-30','2014-06-30');

INSERT INTO Visit VALUES(100146,100070,113,210,'2016-09-21','2016-09-23');

INSERT INTO Visit VALUES(100147,100071,110,200,'2019-10-02','2019-10-02');

INSERT INTO Visit VALUES(100148,100071,113,215,'2019-11-13','2019-11-13');

INSERT INTO Visit VALUES(100149,100071,113,210,'2020-07-23','2020-07-24');

INSERT INTO Visit VALUES(100150,100072,114,212,'2021-08-31','2021-08-31');

INSERT INTO Visit VALUES(100151,100072,111,221,'1998-11-04','1998-11-04');

INSERT INTO Visit VALUES(100152,100072,114,203,'1998-11-26','1998-11-26');

INSERT INTO Visit VALUES(100153,100073,115,219,'1999-02-02','1999-02-02');

INSERT INTO Visit VALUES(100154,100073,117,215,'1999-10-28','1999-10-28');

INSERT INTO Visit VALUES(100155,100073,113,211,'1999-11-04','1999-11-06');

INSERT INTO Visit VALUES(100156,100074,114,200,'2000-08-25','2000-08-25');

INSERT INTO Visit VALUES(100157,100074,110,209,'2002-03-05','2002-03-05');

INSERT INTO Visit VALUES(100158,100074,115,222,'2002-07-22','2002-07-22');

INSERT INTO Visit VALUES(100159,100075,118,208,'2004-03-03','2004-03-03');

INSERT INTO Visit VALUES(100160,100075,110,218,'2004-07-23','2004-07-23');

INSERT INTO Visit VALUES(100161,100075,117,216,'2005-01-12','2005-01-12');

INSERT INTO Visit VALUES(100162,100076,110,211,'2005-07-04','2005-07-04');

INSERT INTO Visit VALUES(100163,100076,111,214,'2006-01-24','2006-01-24');

INSERT INTO Visit VALUES(100164,100077,110,209,'2007-01-04','2007-01-04');

INSERT INTO Visit VALUES(100165,100077,115,222,'2007-02-08','2007-02-08');

INSERT INTO Visit VALUES(100166,100078,117,216,'2011-06-20','2011-06-20');

INSERT INTO Visit VALUES(100167,100078,110,212,'2011-10-14','2011-10-14');

INSERT INTO Visit VALUES(100168,100079,113,220,'2012-01-20','2012-01-22');

INSERT INTO Visit VALUES(100169,100079,117,215,'2012-07-09','2012-07-09');

INSERT INTO Visit VALUES(100170,100080,111,210,'2016-01-06','2016-01-06');

INSERT INTO Visit VALUES(100171,100080,111,220,'2016-04-18','2016-04-18');

INSERT INTO Visit VALUES(100172,100081,114,201,'2020-06-29','2020-06-29');

INSERT INTO Visit VALUES(100173,100081,110,211,'2021-04-23','2021-04-23');

INSERT INTO Visit VALUES(100174,100082,114,203,'2021-05-21','2021-05-21');

INSERT INTO Visit VALUES(100175,100082,110,218,'2021-06-28','2021-06-28');

INSERT INTO Visit VALUES(100176,100083,115,202,'1998-06-19','1998-06-19');

INSERT INTO Visit VALUES(100177,100083,110,223,'1999-12-20','1999-12-20');

INSERT INTO Visit VALUES(100178,100084,111,219,'2000-10-13','2000-10-13');

INSERT INTO Visit VALUES(100179,100084,111,222,'2000-12-14','2000-12-14');

INSERT INTO Visit VALUES(100180,100085,113,215,'2001-03-19','2001-03-21');

INSERT INTO Visit VALUES(100181,100085,110,207,'2002-12-12','2002-12-12');

INSERT INTO Visit VALUES(100182,100086,117,224,'2003-09-16','2003-09-16');

INSERT INTO Visit VALUES(100183,100086,111,222,'2003-09-24','2003-09-24');

INSERT INTO Visit VALUES(100184,100087,117,206,'2005-05-02','2005-05-02');

INSERT INTO Visit VALUES(100185,100087,115,222,'2009-06-09','2009-06-09');

INSERT INTO Visit VALUES(100186,100088,110,214,'2009-07-29','2009-07-29');

INSERT INTO Visit VALUES(100187,100088,116,205,'2009-08-11','2009-08-11');

INSERT INTO Visit VALUES(100188,100089,116,205,'2011-12-13','2011-12-13');

INSERT INTO Visit VALUES(100189,100090,118,216,'2013-05-22','2013-05-22');

INSERT INTO Visit VALUES(100190,100091,111,222,'2013-06-27','2013-06-27');

INSERT INTO Visit VALUES(100191,100092,115,219,'2014-08-27','2014-08-27');

INSERT INTO Visit VALUES(100192,100093,114,201,'2014-10-20','2014-10-20');

INSERT INTO Visit VALUES(100193,100094,110,223,'2015-01-09','2015-01-09');

INSERT INTO Visit VALUES(100194,100095,113,204,'2015-08-05','2015-08-06');

INSERT INTO Visit VALUES(100195,100096,117,215,'2017-08-03','2017-08-03');

INSERT INTO Visit VALUES(100196,100097,110,200,'2017-08-28','2017-08-28');

INSERT INTO Visit VALUES(100197,100098,111,210,'2020-02-18','2020-02-18');

INSERT INTO Visit VALUES(100198,100099,114,200,'2020-04-02','2020-04-02');

INSERT INTO Visit VALUES(100199,100100,114,224,'2021-04-26','2021-04-29');

ActionTaken

INSERT INTO ActionTaken VALUES(100001,'Patient Admitted for colonoscopy. Held overnight for observation');

INSERT INTO ActionTaken VALUES(100002,'Multiple sclerosis health check');

INSERT INTO ActionTaken VALUES(100003,'Prebirth health check');

INSERT INTO ActionTaken VALUES(100004,'MRI Brain scan ');

INSERT INTO ActionTaken VALUES(100005,'Perscribed medication for heart disease');

INSERT INTO ActionTaken VALUES(100006,'CT scan of knee');

INSERT INTO ActionTaken VALUES(100007,'Cancer health check');

INSERT INTO ActionTaken VALUES(100008,'diabetes health check');

INSERT INTO ActionTaken VALUES(100009,'General health check');

INSERT INTO ActionTaken VALUES(100010,'No action taken');

INSERT INTO ActionTaken VALUES(100011,'Perscribed medication for hypertension');

INSERT INTO ActionTaken VALUES(100012,'X-ray of shoulder');

INSERT INTO ActionTaken VALUES(100013,'stitches ');

INSERT INTO ActionTaken VALUES(100014,'CT scan of heart');

INSERT INTO ActionTaken VALUES(100015,'Sent home');

INSERT INTO ActionTaken VALUES(100016,'X-Ray of arm');

INSERT INTO ActionTaken VALUES(100017,'MRI Brain scan ');

INSERT INTO ActionTaken VALUES(100018,'Perscribed medication for diabetes');

INSERT INTO ActionTaken VALUES(100019,'Alzheimers disease checkup');

INSERT INTO ActionTaken VALUES(100020,'Perscribed medicine for migraine');

INSERT INTO ActionTaken VALUES(100021,'Perscribed medication for obesity');

INSERT INTO ActionTaken VALUES(100022,'Sent home');

INSERT INTO ActionTaken VALUES(100023,'Request for bloodwork');

INSERT INTO ActionTaken VALUES(100024,'diabetes health check');

INSERT INTO ActionTaken VALUES(100025,'X-Ray of tibia');

INSERT INTO ActionTaken VALUES(100026,'No action taken');

INSERT INTO ActionTaken VALUES(100027,'X-ray of knee');

INSERT INTO ActionTaken VALUES(100028,'X-Ray of wrist');

INSERT INTO ActionTaken VALUES(100029,'Patient stablized ');

INSERT INTO ActionTaken VALUES(100030,'Perscribed medication for lung disease');

INSERT INTO ActionTaken VALUES(100031,'Anxiety disorder diagnosis');

INSERT INTO ActionTaken VALUES(100032,'Request for bloodwork');

INSERT INTO ActionTaken VALUES(100033,'No action taken');

INSERT INTO ActionTaken VALUES(100034,'General health check');

INSERT INTO ActionTaken VALUES(100035,'CT scan of back');

INSERT INTO ActionTaken VALUES(100036,'X-ray of shoulder');

INSERT INTO ActionTaken VALUES(100037,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100038,'Patient stablized ');

INSERT INTO ActionTaken VALUES(100039,'Alzheimers disease checkup');

INSERT INTO ActionTaken VALUES(100040,'Athsma health check');

INSERT INTO ActionTaken VALUES(100041,'Postbirth health check');

INSERT INTO ActionTaken VALUES(100042,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100043,'Made appointment with specialist');

INSERT INTO ActionTaken VALUES(100044,'Cancer health check');

INSERT INTO ActionTaken VALUES(100045,'Sent home');

INSERT INTO ActionTaken VALUES(100046,'Sent home');

INSERT INTO ActionTaken VALUES(100047,'X-Ray of wrist');

INSERT INTO ActionTaken VALUES(100048,'Made appointment with specialist');

INSERT INTO ActionTaken VALUES(100049,'Patient stablized ');

INSERT INTO ActionTaken VALUES(100050,'MRI Brain scan ');

INSERT INTO ActionTaken VALUES(100051,'X-Ray of tibia');

INSERT INTO ActionTaken VALUES(100052,'Prebirth health check');

INSERT INTO ActionTaken VALUES(100053,'X-Ray of spine');

INSERT INTO ActionTaken VALUES(100054,'Brain tumor diagnosis');

INSERT INTO ActionTaken VALUES(100055,'Athsma health check');

INSERT INTO ActionTaken VALUES(100056,'General health check');

INSERT INTO ActionTaken VALUES(100057,'ALS diagnosis');

INSERT INTO ActionTaken VALUES(100058,'X-ray of neck');

INSERT INTO ActionTaken VALUES(100059,'Perscribed medication for heart disease');

INSERT INTO ActionTaken VALUES(100060,'Sent home');

INSERT INTO ActionTaken VALUES(100061,'Diagnosis for heart disease');

INSERT INTO ActionTaken VALUES(100062,'Multiple sclerosis health check');

INSERT INTO ActionTaken VALUES(100063,'Sent home');

INSERT INTO ActionTaken VALUES(100064,'Made appointment with specialist');

INSERT INTO ActionTaken VALUES(100065,'epilepsy diagnosis');

INSERT INTO ActionTaken VALUES(100066,'Bells palsy diagnosis');

INSERT INTO ActionTaken VALUES(100067,'General health check');

INSERT INTO ActionTaken VALUES(100068,'CT scan of heart');

INSERT INTO ActionTaken VALUES(100069,'Parkinsons health check');

INSERT INTO ActionTaken VALUES(100070,'X-Ray of wrist');

INSERT INTO ActionTaken VALUES(100071,'epilepsy diagnosis');

INSERT INTO ActionTaken VALUES(100072,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100073,'X-ray of shoulder');

INSERT INTO ActionTaken VALUES(100074,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100075,'Perscribed medication for hypertension');

INSERT INTO ActionTaken VALUES(100076,'Diagnosis for lung disease');

INSERT INTO ActionTaken VALUES(100077,'MRI of hip');

INSERT INTO ActionTaken VALUES(100078,'CT scan of heart');

INSERT INTO ActionTaken VALUES(100079,'Postbirth health check');

INSERT INTO ActionTaken VALUES(100080,'Made appointment with specialist');

INSERT INTO ActionTaken VALUES(100081,'General health check');

INSERT INTO ActionTaken VALUES(100082,'stitches ');

INSERT INTO ActionTaken VALUES(100083,'MRI Brain scan ');

INSERT INTO ActionTaken VALUES(100084,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100085,'Brain surgery follow up ');

INSERT INTO ActionTaken VALUES(100086,'Brain tumor diagnosis');

INSERT INTO ActionTaken VALUES(100087,'CT scan of ankle');

INSERT INTO ActionTaken VALUES(100088,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100089,'X-ray of shoulder');

INSERT INTO ActionTaken VALUES(100090,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100091,'MRI of hip');

INSERT INTO ActionTaken VALUES(100092,'X-Ray of wrist');

INSERT INTO ActionTaken VALUES(100093,'Perscribed medication for lung disease');

INSERT INTO ActionTaken VALUES(100094,'Perscribed medication for diabetes');

INSERT INTO ActionTaken VALUES(100095,'CT scan of back');

INSERT INTO ActionTaken VALUES(100096,'X-Ray of wrist');

INSERT INTO ActionTaken VALUES(100097,'PAP test');

INSERT INTO ActionTaken VALUES(100098,'Alzheimers disease checkup');

INSERT INTO ActionTaken VALUES(100099,'Diagnosis for diabetes');

INSERT INTO ActionTaken VALUES(100100,'PAP test');

INSERT INTO ActionTaken VALUES(100101,'PAP test');

INSERT INTO ActionTaken VALUES(100102,'Perscribed ibuprofen for headache');

INSERT INTO ActionTaken VALUES(100103,'PAP test');

INSERT INTO ActionTaken VALUES(100104,'Made appointment with specialist');

INSERT INTO ActionTaken VALUES(100105,'Diagnosis for heart disease');

INSERT INTO ActionTaken VALUES(100106,'Perscribed ibuprofen for headache');

INSERT INTO ActionTaken VALUES(100107,'Patient stablized ');

INSERT INTO ActionTaken VALUES(100108,'diabetes health check');

INSERT INTO ActionTaken VALUES(100109,'CT scan of ankle');

INSERT INTO ActionTaken VALUES(100110,'Sent home');

INSERT INTO ActionTaken VALUES(100111,'X-ray of neck');

INSERT INTO ActionTaken VALUES(100112,'Perscribed medication for heart disease');

INSERT INTO ActionTaken VALUES(100113,'Obesity diagnosis');

INSERT INTO ActionTaken VALUES(100114,'Perscribed medicine for migraine');

INSERT INTO ActionTaken VALUES(100115,'MRI of hip');

INSERT INTO ActionTaken VALUES(100116,'epilepsy diagnosis');

INSERT INTO ActionTaken VALUES(100117,'PAP test');

INSERT INTO ActionTaken VALUES(100118,'CT scan of ankle');

INSERT INTO ActionTaken VALUES(100119,'Anxiety disorder diagnosis');

INSERT INTO ActionTaken VALUES(100120,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100121,'Perscribed ibuprofen for headache');

INSERT INTO ActionTaken VALUES(100122,'PAP test');

INSERT INTO ActionTaken VALUES(100123,'Spinal surgery follow up ');

INSERT INTO ActionTaken VALUES(100124,'MRI Brain scan ');

INSERT INTO ActionTaken VALUES(100125,'Obesity diagnosis');

INSERT INTO ActionTaken VALUES(100126,'Brain tumor diagnosis');

INSERT INTO ActionTaken VALUES(100127,'Request for bloodwork');

INSERT INTO ActionTaken VALUES(100128,'Perscribed ibuprofen for headache');

INSERT INTO ActionTaken VALUES(100129,'Sent home');

INSERT INTO ActionTaken VALUES(100130,'MRI of hip');

INSERT INTO ActionTaken VALUES(100131,'Perscribed medicine for migraine');

INSERT INTO ActionTaken VALUES(100132,'Alzheimers disease checkup');

INSERT INTO ActionTaken VALUES(100133,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100134,'Patient stablized ');

INSERT INTO ActionTaken VALUES(100135,'Parkinsons health check');

INSERT INTO ActionTaken VALUES(100136,'Bells palsy diagnosis');

INSERT INTO ActionTaken VALUES(100137,'Sent home');

INSERT INTO ActionTaken VALUES(100138,'General health check');

INSERT INTO ActionTaken VALUES(100139,'Perscribed medication for diabetes');

INSERT INTO ActionTaken VALUES(100140,'X-ray of neck');

INSERT INTO ActionTaken VALUES(100141,'MRI of hip');

INSERT INTO ActionTaken VALUES(100142,'Made appointment with specialist');

INSERT INTO ActionTaken VALUES(100143,'X-ray of shoulder');

INSERT INTO ActionTaken VALUES(100144,'CT scan of back');

INSERT INTO ActionTaken VALUES(100145,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100146,'Perscribed medication for heart disease');

INSERT INTO ActionTaken VALUES(100147,'Alzheimers disease checkup');

INSERT INTO ActionTaken VALUES(100148,'Perscribed medication for diabetes');

INSERT INTO ActionTaken VALUES(100149,'Perscribed medication for lung disease');

INSERT INTO ActionTaken VALUES(100150,'No action taken');

INSERT INTO ActionTaken VALUES(100151,'CT scan of heart');

INSERT INTO ActionTaken VALUES(100152,'Anxiety disorder diagnosis');

INSERT INTO ActionTaken VALUES(100153,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100154,'X-ray of knee');

INSERT INTO ActionTaken VALUES(100155,'Diagnosis for lung disease');

INSERT INTO ActionTaken VALUES(100156,'Cancer health check');

INSERT INTO ActionTaken VALUES(100157,'epilepsy diagnosis');

INSERT INTO ActionTaken VALUES(100158,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100159,'Made appointment with specialist');

INSERT INTO ActionTaken VALUES(100160,'Multiple sclerosis health check');

INSERT INTO ActionTaken VALUES(100161,'MRI of hip');

INSERT INTO ActionTaken VALUES(100162,'Alzheimers disease checkup');

INSERT INTO ActionTaken VALUES(100163,'MRI Brain scan ');

INSERT INTO ActionTaken VALUES(100164,'Bells palsy diagnosis');

INSERT INTO ActionTaken VALUES(100165,'Patient stablized ');

INSERT INTO ActionTaken VALUES(100166,'X-Ray of tibia');

INSERT INTO ActionTaken VALUES(100167,'Alzheimers disease checkup');

INSERT INTO ActionTaken VALUES(100168,'Perscribed medication for diabetes');

INSERT INTO ActionTaken VALUES(100169,'MRI of hip');

INSERT INTO ActionTaken VALUES(100170,'X-ray of knee');

INSERT INTO ActionTaken VALUES(100171,'CT scan of ankle');

INSERT INTO ActionTaken VALUES(100172,'Athsma health check');

INSERT INTO ActionTaken VALUES(100173,'Perscribed medicine for migraine');

INSERT INTO ActionTaken VALUES(100174,'General health check');

INSERT INTO ActionTaken VALUES(100175,'ALS diagnosis');

INSERT INTO ActionTaken VALUES(100176,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100177,'Brain surgery follow up ');

INSERT INTO ActionTaken VALUES(100178,'X-ray of shoulder');

INSERT INTO ActionTaken VALUES(100179,'MRI of hip');

INSERT INTO ActionTaken VALUES(100180,'Diagnosis for diabetes');

INSERT INTO ActionTaken VALUES(100181,'Alzheimers disease checkup');

INSERT INTO ActionTaken VALUES(100182,'X-ray of neck');

INSERT INTO ActionTaken VALUES(100183,'CT scan of back');

INSERT INTO ActionTaken VALUES(100184,'MRI Brain scan ');

INSERT INTO ActionTaken VALUES(100185,'stitches ');

INSERT INTO ActionTaken VALUES(100186,'Parkinsons health check');

INSERT INTO ActionTaken VALUES(100187,'PAP test');

INSERT INTO ActionTaken VALUES(100188,'PAP test');

INSERT INTO ActionTaken VALUES(100189,'Sent home');

INSERT INTO ActionTaken VALUES(100190,'MRI of hip');

INSERT INTO ActionTaken VALUES(100191,'Sent into emergency surgery');

INSERT INTO ActionTaken VALUES(100192,'Anxiety disorder diagnosis');

INSERT INTO ActionTaken VALUES(100193,'Alzheimers disease checkup');

INSERT INTO ActionTaken VALUES(100194,'Diagnosis for diabetes');

INSERT INTO ActionTaken VALUES(100195,'X-Ray of tibia');

INSERT INTO ActionTaken VALUES(100196,'Alzheimers disease checkup');

INSERT INTO ActionTaken VALUES(100197,'X-ray of knee');

INSERT INTO ActionTaken VALUES(100198,'General health check');

INSERT INTO ActionTaken VALUES(100199,'General health check');

Table Creation and Insertion Explaination

The tables and values we have provided for this project are to represent the Patients and employees of Mary Greeley hospital. The tables will provide all of these individuals’ information along with the specific information on what happened during the given visit. One thing that we would like to address is that the D and N values in the employees script represents D= Doctors and N= Nurses.

Queries

When considering the possible queries for Mary Greeley Hospital, we decided that we wanted to provide a fast and easy way for them to find out information within their hospital. We think that our queries provide information that is vital to the success and efficiency of Mary Greeley Hospital. These queries were directed towards helping them with their day to day operations, and believe they do an excellent job in doing so. The queries that we decided to use for this project and their scripts are provided on pages (!!!!!!!!!), along with the outcome of the given query.

Scenario: Select Display the Doctor, Nurse, and Patient names involved in visits.

select visit.VID, patient.PID, patient.pfname, patient.plname, employee.eid, employee.efname, employee.elname

from patient, doctor, employee, visit where

visit.vid = 100045 and

visit.did = doctor.did and

visit.pid = patient.pid and

employee.eid = doctor.did

union

select visit.VID, patient.PID, patient.pfname, patient.plname, employee.eid, employee.efname, employee.elname

from patient, nurse, employee, visit where

visit.vid = 100045 and

visit.nid = nurse.nid and

visit.pid = patient.pid and

employee.eid = nurse.nid;

Impact: This can help with contact tracing and employee accountability



Scenario: Count the number of patients each doctor sees and display their specialty.

Select employee.efname as FisrtName, employee.elname as LastName, doctor.dspecialty as Specialty, count(distinct visit.PID) as NumPatients

From employee, doctor, visit

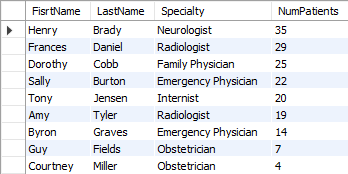
Where doctor.did = visit.did and

doctor.did = employee.eid

group by doctor.did

order by -count(distinct visit.PID);

Impact: This can help managers determine which doctors may be over or underworked.



Scenario: Find all of the patients who were born in this hospital

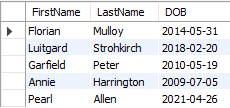
Select patient.pfname as FirstName, patient.plname as LastName, patient.PDOB as DOB

From patient, visit

Where patient.PID = visit.PID and

patient.PDOB = visit.DateIn;

Impact: This can help with recollection of historical data for patient and physician use.



Scenario: Display the average max and min of number of times a single patient would visit in the specific time period

select avg(a.count) as avg\_max\_min from

(select count(vid) as count from patient left join visit on patient.pid=visit.pid where Datein > '2019-12-31' And Dateout < '2020-12-31'

group by patient.pid) a

union

select max(a.count) avg\_max\_min from

(select count(vid) as count from patient left join visit on patient.pid=visit.pid where Datein > '2019-12-31' And Dateout < '2020-12-31'

group by patient.pid) a

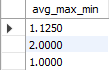
union

select min(a.count) avg\_max\_min from

(select count(vid) as count from patient left join visit on patient.pid=visit.pid where Datein > '2019-12-31' And Dateout < '2020-12-31'

group by patient.pid) a;

Impact: To determine how many times a person visits the hospital in a given year/month/day.



Scenario: Find out the number of patients and nurses a department has.

Select Doctorsupervision.department as Department, count(distinct visit.PID) as NumPatients, count(distinct doctorsupervision.NID) as NumNurses

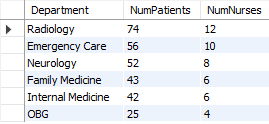
from doctorsupervision, visit where

doctorsupervision.nid = visit.nid

group by doctorsupervision.department

order by -count(distinct visit.PID);

Impact: The managers can check if there are enough nurses in each department to account for the number of patients.



Summary

Throughout the project several problems were encountered that we didn't expect. One of those problems being trouble with our databases and the input not going as expected. We also encountered coordination issues within our group resulting in tasks being completed slower than expected. We solved this by forming group meetings on webex and using those meetings to work on specific parts of the project such as the report and presentation. Due to the complexity of the project and how much detail went into it some tasks were underestimated in completion time. The lack of quantitative data made queries harder to form. We ended up making queries that would consist of scenarios such as lists in several departments of employees and patients that were treated from these employees. Several of the queries we made will help managers at Mary Greeley hospital understand which employees are being overworked according to the amount of patients they are working with. Management at Mary Greeley hospital will find our scripts and tables useful for further research on making the hospital more efficient and better organizing data.