# DDL Scripts v1

## Tables

* Hospital
* Person (Super) -> Staff -> Patient
* Department
* Maintenance
* Equipment

## Hospital

CREATE TABLE HOSPITAL(  
PK\_HOSP\_ID NUMBER(10) NOT NULL PRIMARY KEY,  
HOSPITAL\_ID\_UN VARCHAR2(10) NOT NULL UNIQUE KEY,  
NAME VARCHAR2(20) NOT NULL,  
ADDRESS VARCHAR2(35) NOT NULL,  
TOWN VARCHAR2(15),  
COUNTY VARCHAR2(30) NOT NULL)  
/

## Person (Super)

CREATE TABLE PERSON(  
FK\_PATIENT\_HOSPITAL\_FK VARCHAR2(10) NOT NULL FOREIGN KEY,  
FK\_PATIENT\_HOSPITAL\_FKV1 VARCHAR2(10) NOT NULL FOREIGN KEY,  
PERSON\_SURNAME VARCHAR2(15 CHAR) NOT NULL,  
PERSON\_FIRST\_NAME VARCHAR2(15) NOT NULL,  
PERSON\_ADDRESS VARCHAR2(25) NOT NULL,  
PERSON\_TOWN VARCHAR2(15),  
PERSON\_COUNTY VARCHAR2(30) NOT NULL),  
PK\_PATS\_ID NUMBER( )NOT NULL PRIMARY KEY)  
/

### Staff

CREATE TABLE STAFF(  
PF\_PATIENT\_PATS\_ID NUMBER( ) NOT NULL FOREIGN KEY,  
U\_STAFF\_ID VARCHAR2(10) NOT NULL UNIQUE KEY,  
U\_STAFF\_ID1 NUMBER ( ) NOT NULL UNIQUE KEY)  
/

### Patient

CREATE TABLE PATIENT(  
FK\_PATIENTV1\_PATIENT\_FK NUMBER( ) NOT NULL FOREIGN KEY,  
PF\_PATIENT\_PATS\_ID NUMBER( ) NOT NULL FOREIGN KEY,  
U\_PATS\_ID VARCHAR2(10) NOT NULL UNIQUE KEY)  
/

## Department

CREATE TABLE DEPARTMENT(  
PK\_DEPT\_ID NUMBER(10) NOT NULL PRIMARY KEY,  
FK\_DEPARTMENT\_HOSPITAL\_FK NUMBER(10) NOT NULL FOREIGN KEY,  
NAME VARCHAR2(15) NOT NULL,  
FLOOR VARCHAR2(2) NOT NULL,  
WARD VARCHAR2(3) NOT NULL)  
/

Maintenance  
CREATE TABLE MAINTENANCE(  
FK\_HOSPITAL\_HOSP\_ID NUMBER( ) NOT NULL FOREIGN KEY,  
ISSUE# VARCHAR2 (2) NOT NULL,  
DETAILS VARCHAR2(60) NOT NULL)  
/

Equipment  
CREATE TABLE EQUIPMENT(  
PK\_ID VARCHAR2(15) NOT NULL PRIMARY KEY,  
BARCODE VARCHAR2(12) NOT NULL,  
NAME VARCHAR2(20) NOT NULL,  
CATEGORY VARCHAR2(25) NOT NULL,  
TIMESTAMP TIMESTAMP NOT NULL,  
LOANED DATE,  
RETURN\_DUE DATE,  
LONGITUDE NUMBER(10,7)NOT NULL,  
LATITUDE NUMBER(10,7) NOT NULL)  
/