Database Design Project--Part f: SQL Use Cases

--Note in these statements, 11111 is a patient, 22222 is a doctor, 33333 is a nurse, and 44444 is a secretary

--Add patient (note that two inserts are needed for the separate tables)

insert into member values('11111', 'Steven', 'Herbert', 'Wonder', 'M', '12-6-1956', '123 Sir Duke st', 'Groovetown', 'CA', '02818');

insert into patient values('11111', 'A+', '425-43-8269');

--Update/Edit patient (example--one of many possible updates)

update member

set last\_name = 'Ray Vaughan'

where id = '11111';

--Add nurse (note that two inserts are needed for the separate tables)

insert into member values('33333', 'John', 'Swing', 'Mayer', 'M', '9-1-1986', '123 Neon blvd', 'Smoothtown', 'RI', '09223');

insert into nurse values('33333', 'masters', 'spleen-specialist', '938-13-5689');

--Update/Edit nurse (example--one of many possible updates)

update nurse

set dept\_name = 'colonoscopy'

where id = '33333';

--Add doctor (note that two inserts are needed for the separate tables)

insert into member values('22222', 'Lizzy', 'Grace', 'McAlpine', 'F', '2-5-1996', '123 Doomsday rd', 'Indietown', 'AL', '00093');

insert into doctor values('22222', 'Gordon Conwell', 'Elbow-specialist', '935-03-8789');

--Update/Edit doctor (example--one of many possible updates)

update member

set first\_name = 'Rachel'

where id = '22222';

--Testing the add visit use case

insert into visit values('11111', 'someDateTimeIN', 'someDateTimeOUT', '22222', '33333', 'notes', '121/80', '80', '98', '0.98', '68', '160');

--Access visit info

select \*

from visit;

*--optionally add where id = 'someID' AND datetime\_in = 'someDateTime' if you want a*

*--particular instance of a visit*

--Take notes use case for Doctor/Nurse

update visit

set notes = 'someNotes'

where id = '11111' AND datetime\_in = 'someDateTimeIN';

--Drop patient

delete from member where id = '11111';

--Drop doctor

delete from member where id = '22222';

--Drop nurse

delete from member where id = '33333';

--Add secretary (note that two inserts are needed for the separate tables)

insert into member values('44444', 'Fats', 'Blues', 'Domino', 'M', '8-8-1942', '123 Blueberry Hill rd', 'Pianotown', 'TN', '75937');

insert into secretary values('44444', 'True', 'Olfactory\_dept', '137-44-8399');

--Update/Edit secretary (example--one of many possible updates)

update member

set street\_address = '123 Aint That A Shame pkwy'

where id = '44444';

--Drop secretary

delete from member where id = '44444';

--Access patient info

select \*

from member JOIN patient ON id = patient\_id;

*--optionally add where id = 'someID' if you want a particular patient*

--Access doctor info

select \*

from member JOIN doctor ON id = doctor\_id;

*--optionally add where id = 'someID' if you want a particular doctor*

--Access nurse info

select \*

from member JOIN nurse ON id = nurse\_id;

*--optionally add where id = 'someID' if you want a particular nurse*

--Access secretary info

select \*

from member JOIN secretary ON id = secretary\_id;

*--optionally add where id = 'someID' if you want a particular secretary*