

On the other hand, the red main tables of all those methods that we have been using and different ways of approaches is to avoid errors like for example to not have a zip code column parts of the patient table is first of all to integrate Normalization into our database the life span of application programs. To make the collection of relations result to the query statistics, where these statistics are liable to change as time goes by.

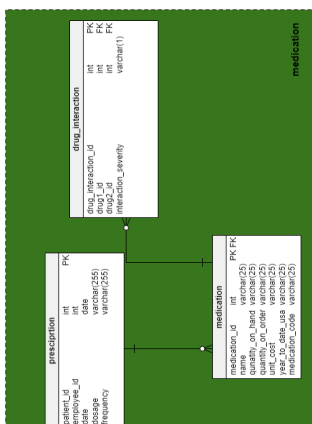
The reason why we decided to not include zip code, state, city, allergy, blood sugar, blood type and avoid errors like for example to not have a zip code column parts of the patient table is first of all to be dropdown from which the user will choose from if we want to. Besides, each of this entities has a table\_id and that is to allow a patient to have more than one of any record. The user can also create under the another patient id and entering the same information and that will allow us also to save data in our database and also minimizing the null values.

The only thing that think, is that the inpatient table, is that the inpatient table column to have a limit of 1 character (green) or 5(Bites) for wing bed, number and G attending\_nurse

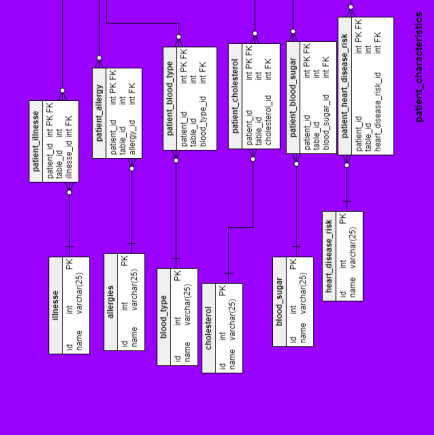
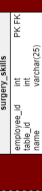
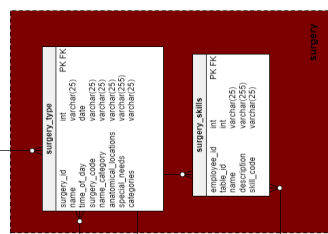
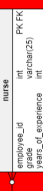
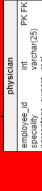
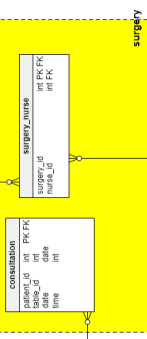
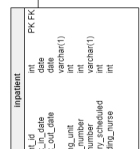
The surgery schedule table allows the user to schedule a specific time for a surgery for nurses who don't have a same time of conflict with it.

Here I want to explain why telephone, number and SSN are varchar variable type in patient table. That is because we don't want to store them as integer because if a number by course accept string, we will check if they are a number by converting using into integer then doing if it is correct.

So basically, every time a table contains a table\_id column that means that the associated table of that table.



drug\_id and drug2\_id are associated to medication\_id where drug\_id is the main table and drug2\_id is the patient that the option to decline the medications



Every address table, we use the same user\_type column and that has been so to not having to create another separate table where one is for the creating an extra table, so I've select that the user\_id is column and if a patient type we assign user\_type to user\_type column and by that we differentiate the two types.

