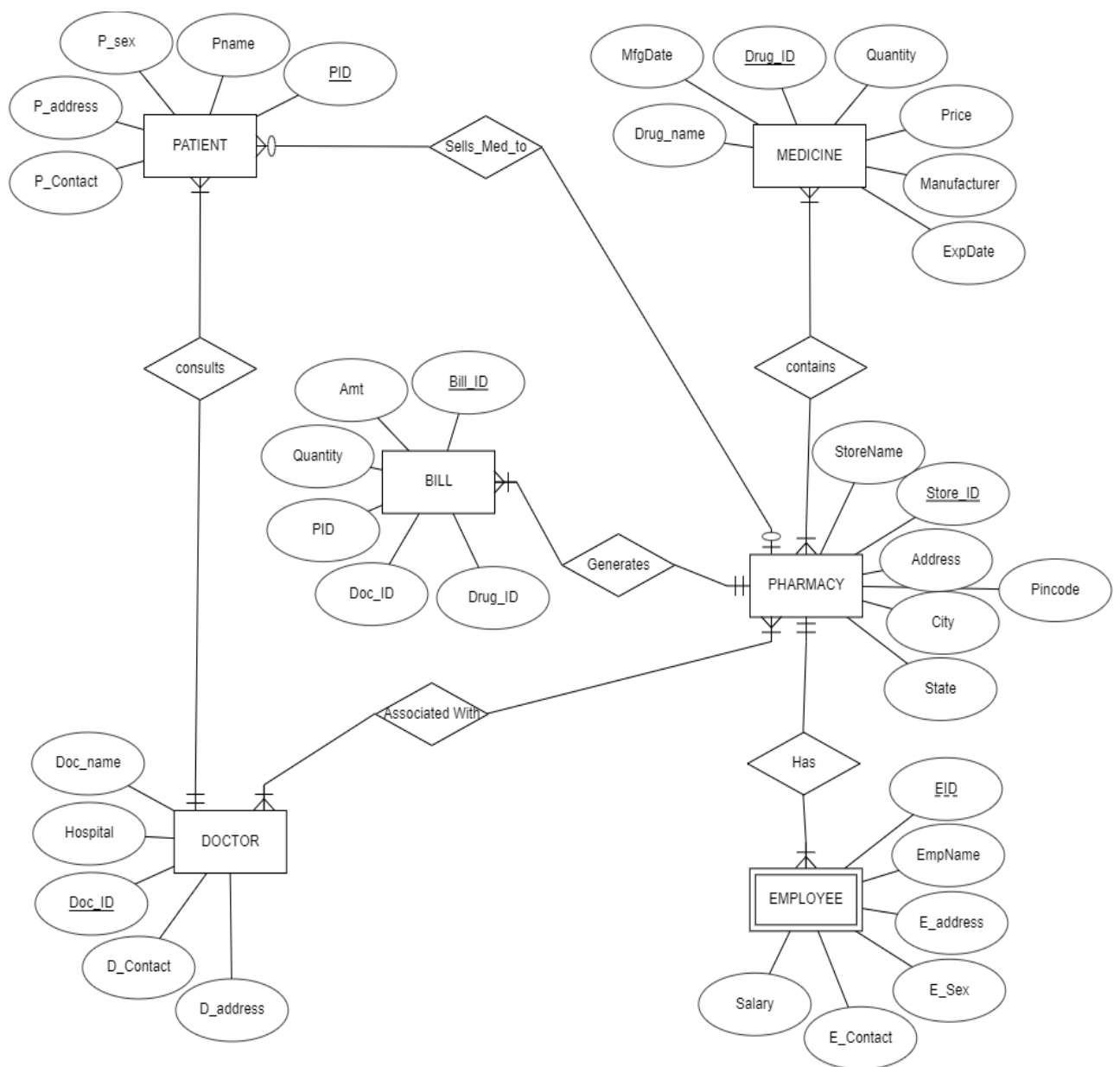
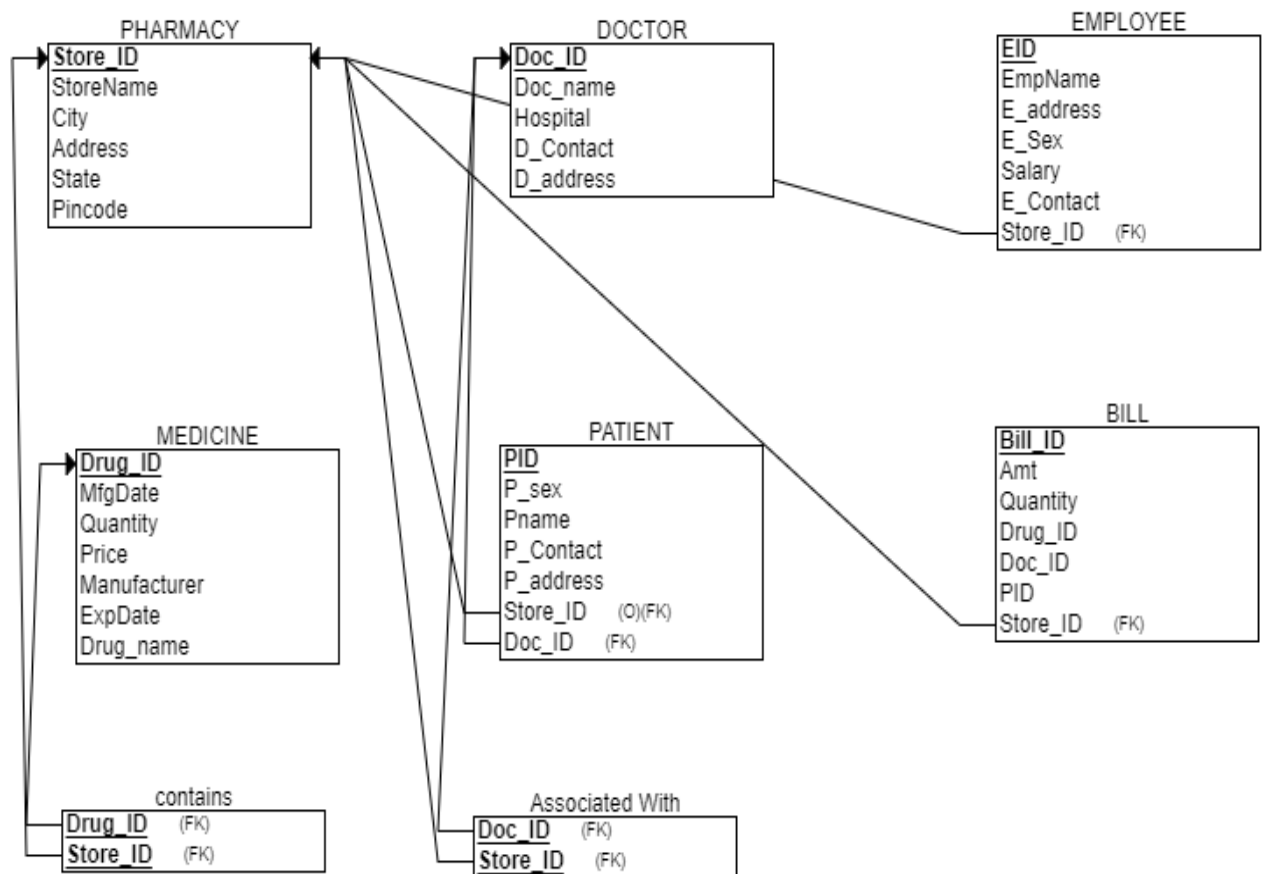


Assignment-2

Modified E-R diagram:



Relational schema:



RDBMS – PostgreSQL used to build the script files

Reasons to choose PostgreSQL:

1. Since we have a fixed schema the tables are related to each other, relational DBMS is to be used and so one of them is PostgreSQL.
2. PostgreSQL is the database design and implementation software that we have decided to use.
3. PostgreSQL has easier commands to design the relations and their respective constraints.
4. It is also easy to delete a relation or a database in case such situation arises which is not available in SQLite.
5. PSQL(PostgreSQL) can be downloaded from <https://www.postgresql.org/download/>. The installation involves setting up a local server for the same.
6. Final we can add the executable path into the environment variable so that it can be accessed from anywhere.

After writing SQL commands and executing:

```
postgres=# \c pharmacy_mang
You are now connected to database "pharmacy_mang" as user "postgres".
pharmacy_mang=# \d
               List of relations
 Schema |      Name      | Type  | Owner
-----+-----+-----+-----
 public | associated_with | table | postgres
 public | bill            | table | postgres
 public | contains        | table | postgres
 public | doctor          | table | postgres
 public | employee        | table | postgres
 public | medicine        | table | postgres
 public | patient         | table | postgres
 public | pharmacy        | table | postgres
(8 rows)
```

SQL ddl commands and insert commands are written as two .sql files and attached with thisfile