Medical Store Management System

Phase-2

Shikhar Sharma
10682
shikhars@iitk.ac.in

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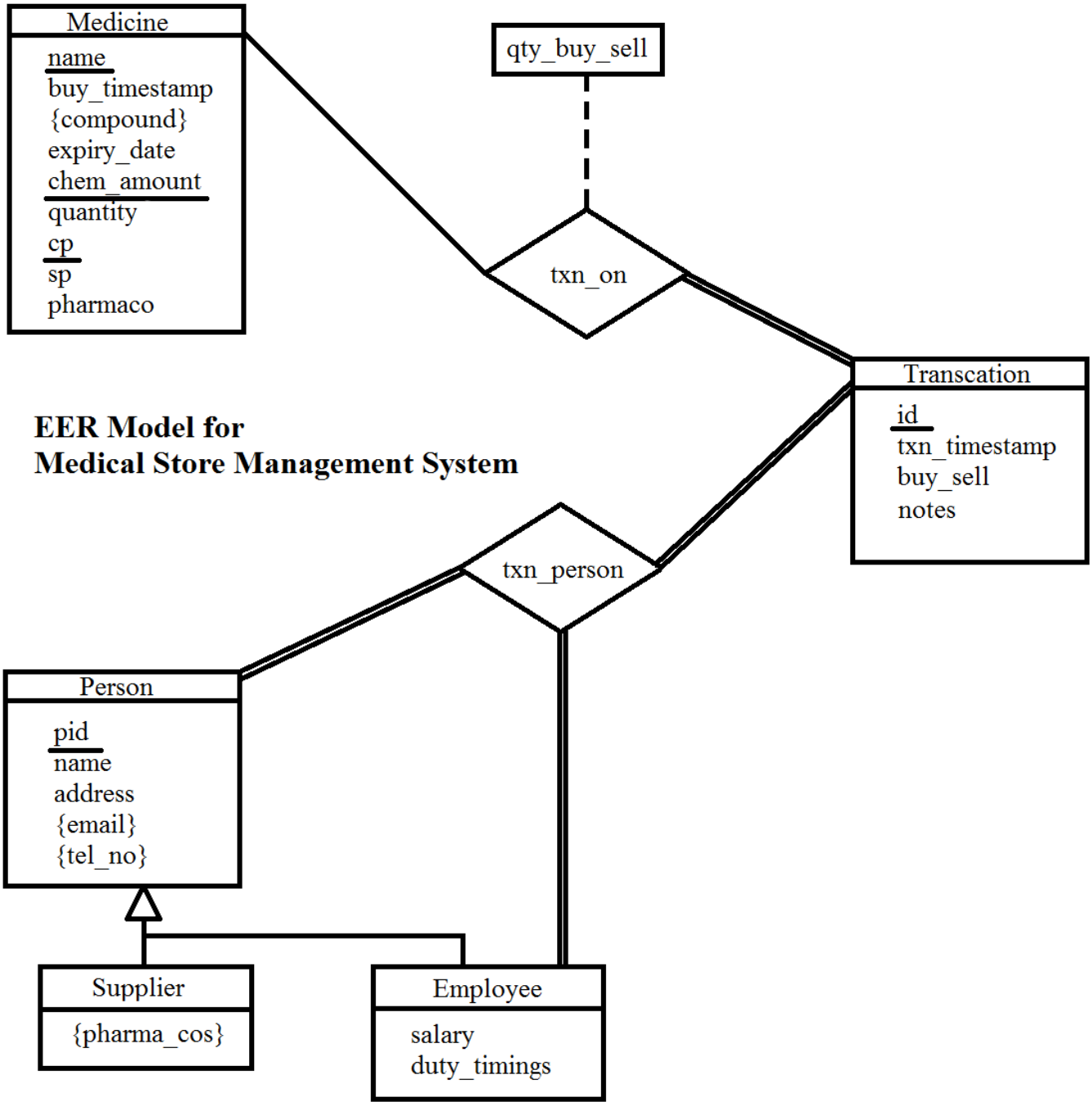
Contents

1 Extended Entity-Relationship Model

The Extended Entity-Relationship Model for the project is given below:



2 Details

2.1 Constraints

In the Entity-Set **Medicine**, PRIMARY KEY is (name,chem_amount,cp).

In the Entity-Set **Transaction**, PRIMARY KEY is (id) which is generated by auto-increment.

In the Entity-Set **Person**, PRIMARY KEY is (pid) which is also generated by auto-increment.

Total participation has been indicated in the EER Model by drawing double lines.

The specialization of Person into Supplier and Employee is a disjoint specialization which is partial.

2.2 Domain Types

name varchar(60)

buy_timestamp timestamp

compound varchar(50)

expiry_date date

chem_amount varchar(10)

quantity int

cp int

sp int

pharmaco varchar(50)

qty_buy_sell int

id int

txn_timestamp timestamp

buy_sell char(1)

notes text

pid int

name varchar(60)

address text

email varchar(45)

tel_no int

pharma_cos varchar(50)

salary int

duty_timings varchar(20)

2.3 Multiplicities

A Transaction will have only one Person and one Employee involved. Except for this relation, every other relation in the EER Model is many-many.