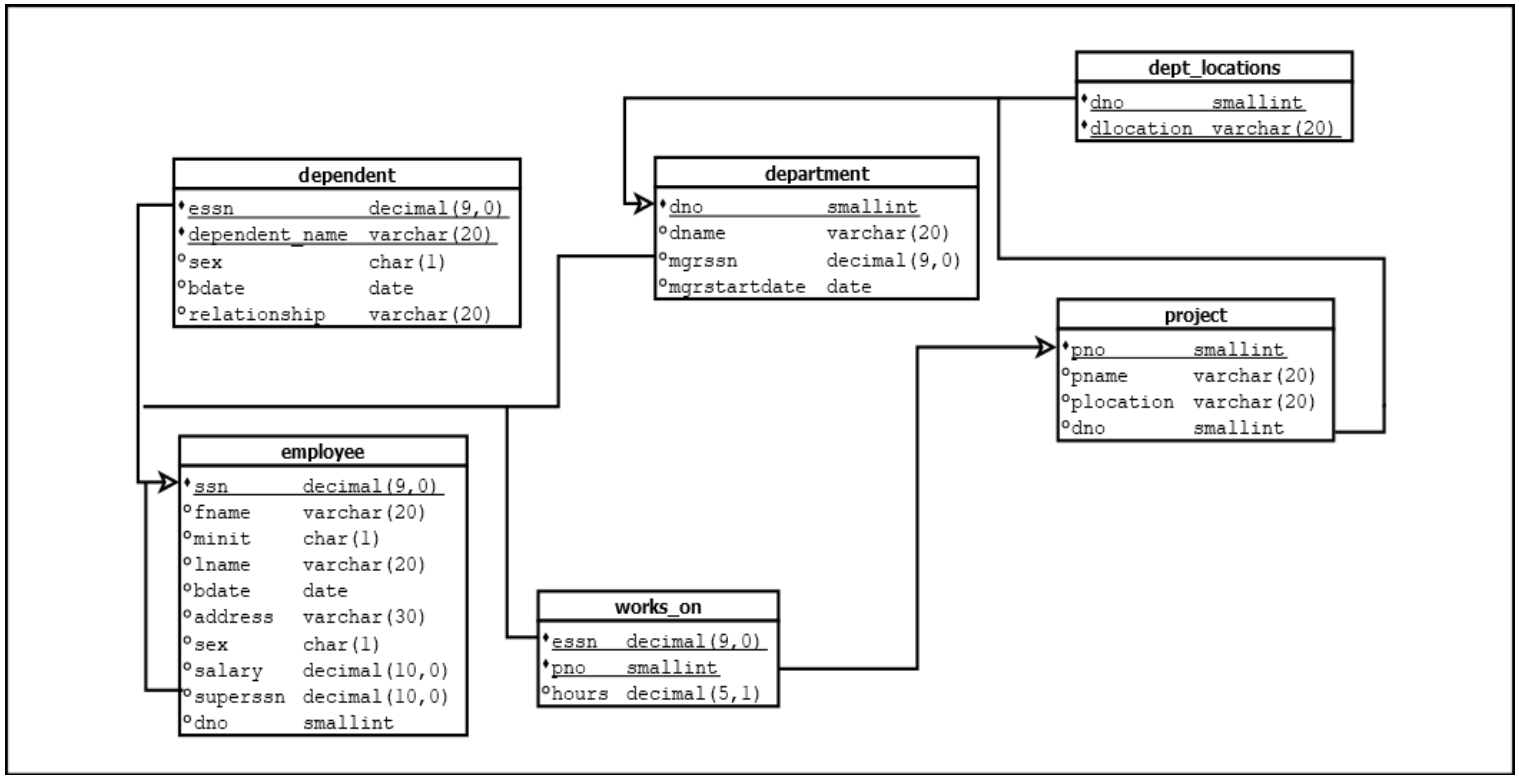
Student ID: 202112047

Company Schema Diagram



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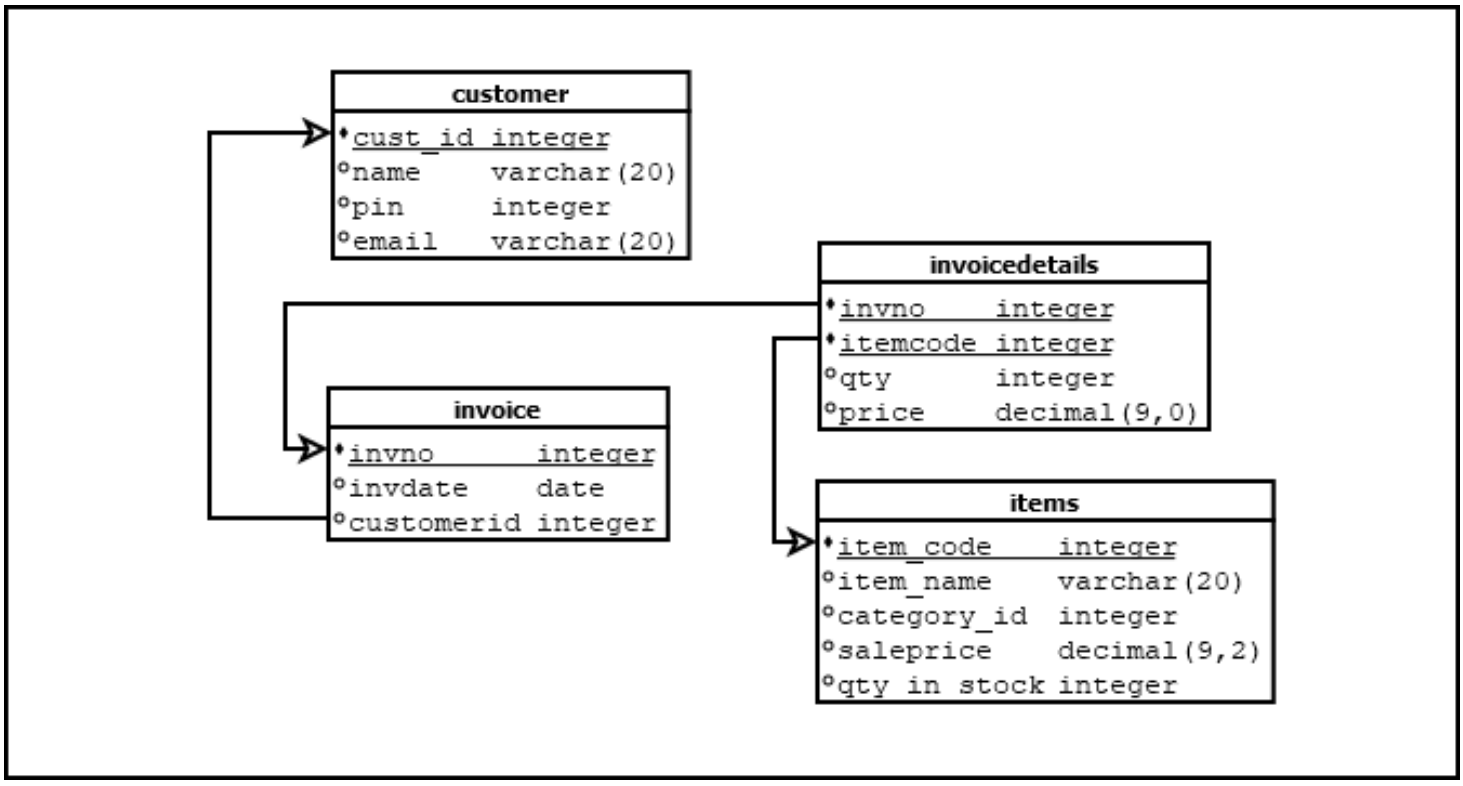
Sales Management Schema Diagram



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DDL script for Sales Management schema

```
--Sales Schema
create schema sales;
set search_path to sales;

--Customer Table
CREATE TABLE customer(
cust_id integer primary key,
name varchar(20),
pin integer,
email varchar(20)
);

--Item Table
CREATE TABLE items(
item_code integer primary key,
item_name varchar(20),
category_id integer,
saleprice decimal(9,2)
qty_in_stock smallint
);

--Invoice Table
CREATE TABLE invoice(
```

```
invno integer primary key,
invdate date,
customerid references customer(cust_id)
        on delete cascade on update cascade
);
```

--Invoice Details Table

```
CREATE TABLE invoicedetails(
invno integer,
itemcode integer,
qty integer,
price decimal(9,2),
primary key(invno,itemcode),
foreign key(invno) references invoice(invno)
        on delete cascade on update cascade,
foreign key(itemcode) references items(item_code)
        on delete cascade on update cascade
);
```