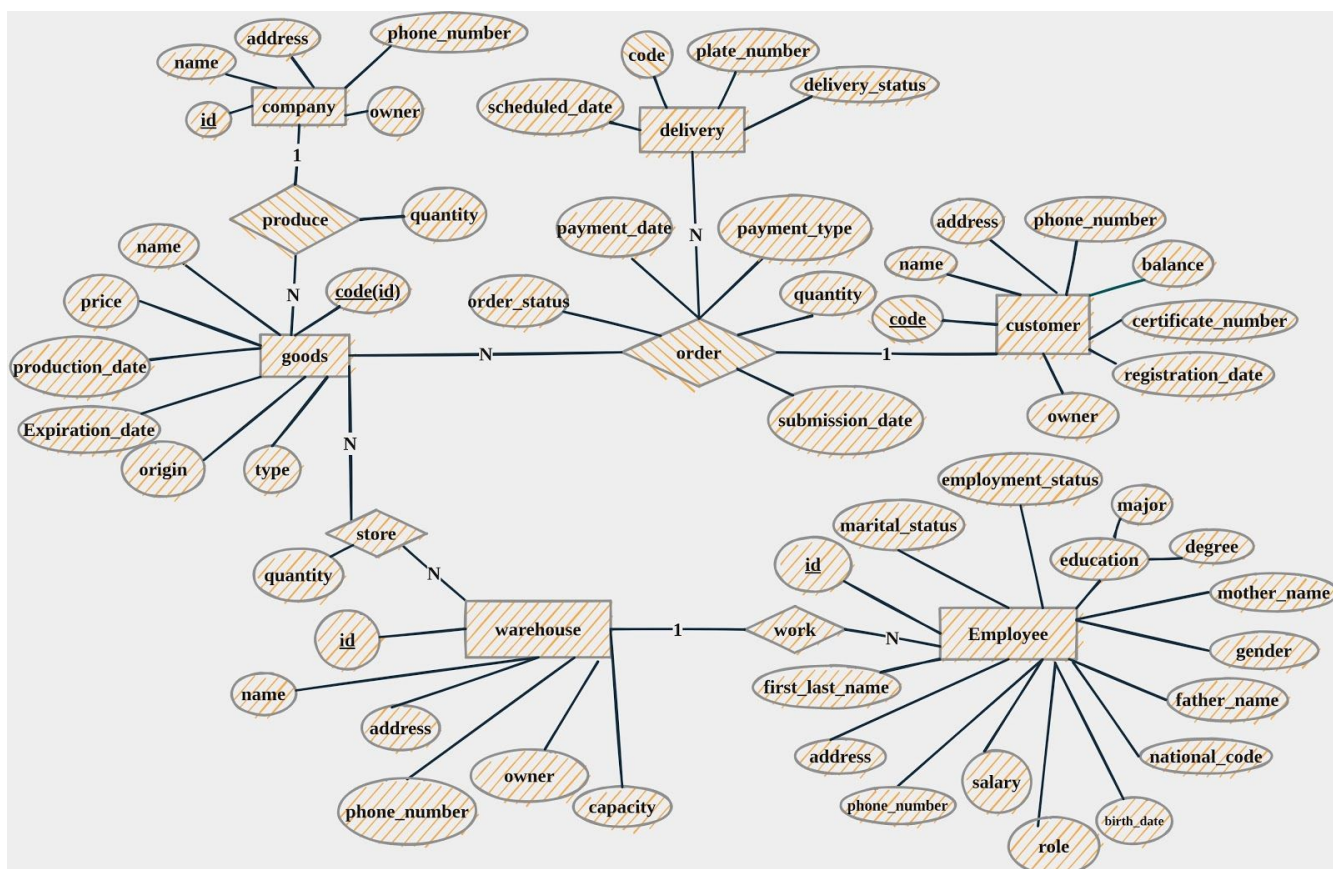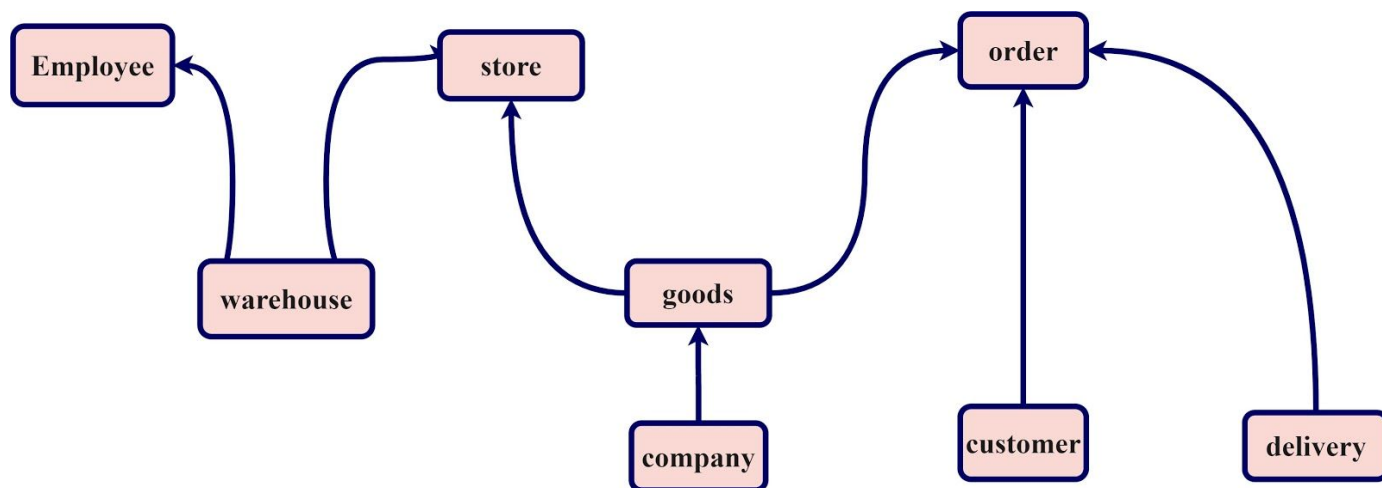بسم الله الرحمن الرحیم

آزمایشگاه دیتابیس

غزاله محمودی - یگانه مرشد زاده

سیستم مدیریت فروش و انبارداری کالاهای دارویی(شرکت های توزیع کننده کالا)

گراف ارجاع

goods(<u>code(id)</u> , name , price, production_date, Expiration_date, origin, company_id, type)

Attribute name	domain	Nullable	unique	Default Value	PK	FK	Constraint 1
Code - id	integer	No	yes	-	yes	no	--
name	varchar(30)	No	no	-	no	no	--
price	integer	No	no	-	no	no	--
production_date	Date time	no	no	-	no	no	--
Expiration_date	Date time	no	no	-	no	no	--
origin	varchar(20)	no	no	-	no	--	--
company_id	integer	no	no	-	no	yes	--
type	varchar(20)	no	no	-	no	no	Yes category!

company(<u>id</u> , name, phone_number , address, owner)

Attribute name	domain	Nullable	unique	Default Value	PK	FK	Constraint 1
id	integer	No	yes	-	yes	no	--
name	varchar(30)	No	no	-	no	no	--
address	varchar(50)	yes	no	-	no	no	--
phone_number	varchar(15)	yes	no	-	no	no	--
owner	varchar(30)	No	no	-	no	no	--

warehouse(id , name , phone_number , address, owner, capacity)

Attribute name	domain	Nullable	unique	Default Value	PK	FK	Constraint 1
id	integer	No	yes	-	yes	no	--
name	varchar(30)	No	no	-	no	no	--
address	varchar(50)	yes	no	-	no	no	--
phone_number	varchar(15)	yes	no	-	no	no	--
owner	varchar(30)	No	no	-	no	no	--
capacity	integer	No	no	-	no	no	--

store(id_warehouse , id_goods, quantity)

Attribute name	domain	Nullable	unique	Default Value	PK	FK	Constraint 1
id_warehouse	integer	No	Yes	-	yes	yes	--
id_goods	integer	No	Yes	-		yes	--
quantity	integer	No	No	-	No		--

customer(code , name , phone_number , address, balance)

!! customer = owner of pharmacy/drugstore

Attribute name	domain	Nullable	unique	Default Value	PK	FK	Constraint 1
name	varchar(30)	No	yes	-	yes	no	--
owner	varchar(30)	No	no	-	no	no	--
phone_number	varchar(11)	No	no	-	no	no	--
address	varchar(50)	No	no	-	no	no	--
balance	integer	No	no	0	no	no	--
registration_date	integer	No	no	-	no	no	--
certificate_number	integer	NO	no	-	no	no	--

order(<u>id_goods , delivery_id, id_customer, submission_date</u>, order_status, payment_type, payment_date, quantity)

Attribute name	domain	Nullable	unique	Default Value	PK	FK	Constraint 1
id_goods	integer	No	no	-	yes	yes	--
delivery_id	integer	No	no	-		yes	--
id_custumer	integer	no	no	-		yes	--
submission_date	Date	no	no	-		no	--
order_status	varchar(30)	no	no	-	no	no	
Payment_type	varchar(30)	no	no	-	no	no	--
Payment_ date	Date	no	no	-	no	no	--
quantity	integer	no	no	-	no	no	--

!! status -> not paid, paid and not delivered, paid and self delivery, paid and delivered

Employee(<u>employee_id</u>, first_name, last_name, marital_status, father_name, mother_name, national_code, education, employment_status, phone_number, address, salary, birth_date, gender, role, warehouse_id)

Attribute name	domain	Nullable	unique	Default Value	PK	FK	Constraint 1
national_code	varchar(30)	No	yes	-	yes	no	--
first_name	varchar(30)	No	no	-	no	no	--
last_name	varchar(30)	No	no	-	no	no	--
father_name	varchar(30)	No	no	-	no	no	--
mother_name	varchar(30)	No	no	-	no	no	--
employment_status	varchar(30)	No	no	-	no	no	--
phone_number	varchar(11)	yes	no	-	no	no	--
address	varchar(50)	yes	no	-	no	no	--
salary	integer	no	no	0	no	no	--
birth_date	Date	no	no	-	no	no	--
marital_status	integer	no	no	-	no	no	--
gender	binary	no	no	-	no	no	--
role	varchar	no	no	-	no	no	--
warehouse_id	integer	no	yes	--	no	yes	

Delivery(code, delivery_status, scheduled_date, plate_number)

Attribute name	domain	Nullable	unique	Default Value	PK	FK	Constraint 1
code	integer	No	no	-	yes	yes	--
delivery_status	varchar(20)	no	no	-		no	yes
scheduled_date	Date	no	no	-	no	no	--
plate_number	integer	no	no	-	no	no	--