
FVS Pharmacy Diagram

Logical database model documentation

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1. Model details

Model name:

FVS Pharmacy Diagram

Version:

1.0

Description:

2. Entities

2.1. Entity Employee

2.1.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
eID	Serial(100)	yes	yes	
firstname	Varchar(50)	yes	no	
lastname	Varchar(50)	yes	no	
address	Varchar(100)	yes	no	
ssn	Integer	yes	no	
pos	Varchar(50)	yes	no	
status	Boolean	yes	no	
salary	Integer	yes	no	

2.2. Entity DrawrVerif

2.2.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
verifID	Serial(100)	yes	yes	
reg	Integer	yes	no	
currAmount	Integer	yes	no	
enteredAmount	Integer	yes	no	
overShort	Integer	yes	no	

2.3. Entity DCR

2.3.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dcrID	Serial(100)	yes	yes	
sales	Integer	yes	no	

2.4. Entity ImprestVerif

2.4.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
impID	Serial(100)	yes	yes	
ones	Integer	yes	no	
fives	Integer	yes	no	
tens	Integer	yes	no	
twenties	Integer	yes	no	
fifties	Integer	yes	no	
hundreds	Integer	yes	no	
pennies	Decimal(1, 3)	yes	no	
nickels	Integer	yes	no	
dimes	Integer	yes	no	
quarters	Integer	yes	no	

2.5. Entity Price

2.5.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
upc	BIGINT	yes	yes	
retailP	Integer	yes	no	
saleP	Integer	yes	no	
mumd	Integer	yes	no	

2.6. Entity Operations

2.6.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
upcOp	BIGINT	yes	yes	
boh	Integer	yes	no	
shelfCap	Integer	yes	no	
quickPick	Integer	yes	no	

dateEdited	Date	yes	no	
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2.7. Entity OTC

2.7.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
upcO	BIGINT	yes	yes	
item	Integer	yes	no	
name	Varchar(50)	yes	no	
otcID	Varchar(50)	yes	no	

2.8. Entity Deposit

2.8.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
depID	Serial(100)	yes	yes	
amount	Integer	yes	no	

2.9. Entity Prescriptions

2.9.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
upcP	BIGINT	yes	yes	
prescriptionName	Varchar(50)	yes	no	
expiration	Date	yes	no	

2.10. Entity verifysImprest

2.10.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateVerifiedImp	Timestamp	yes	no	

2.11. Entity verifysDrawer

2.11.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateVerifiedDrawer	Timestamp	yes	no	

2.12. Entity prescriptionInventory

2.12.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateUpdated	Timestamp	yes	no	

2.13. Entity Non-OTC

2.13.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
upcN	BIGINT	yes	yes	
item	Integer	yes	no	
name	Integer	yes	no	

2.14. Entity deposits

2.14.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateDeposited	Timestamp	yes	no	

2.15. Entity posts

2.15.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
datePosted	Timestamp	yes	no	

2.16. Entity otclInventory

2.16.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateUpdated	Timestamp	yes	no	

2.17. Entity nonOTCInventory

2.17.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateUpdated	Timestamp	yes	no	

2.18. Entity prescriptionPrice

2.18.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateUpdated	Timestamp	yes	no	

2.19. Entity otcPrice

2.19.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateUpdated	Timestamp	yes	no	

2.20. Entity nonOTCPrice

2.20.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateUpdated	Timestamp	yes	no	

2.21. Entity operates

2.21.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateOperated	Timestamp	yes	no	

3. Associations

4. Entity relationships

4.1. Entity relationship verifysImpres_Employee

Employee	1..*	verifysImprest
	<->	

4.2. Entity relationship ImprestVerif_verifysImpres

verifysImprest	*..*	ImprestVerif
	<->	

4.3. Entity relationship verifysDrawer_Employee

Employee	1..*	verifysDrawer
	<->	

4.4. Entity relationship DrawrVerif_verifysDrawer

verifysDrawer	*..*	DrawrVerif
	<->	

4.5. Entity relationship deposits_Employee

Employee	1..*	deposits
	<->	

4.6. Entity relationship Deposit_deposits

deposits	*..*	Deposit
	<->	

4.7. Entity relationship posts_Employee

Employee	1..*	posts
	<->	

4.8. Entity relationship DCR_posts

posts	*..*	DCR
	<->	

4.9. Entity relationship updatesPrescription_Prescriptions

Prescriptions	1..1	prescriptionInventory
	<->	

4.10. Entity relationship updatesOTC_OTC

OTC	1..1	otcInventory
	<->	

4.11. Entity relationship updatesNonOTC_Non-OTC

Non-OTC	1..1	nonOTCInventory
	<->	

4.12. Entity relationship operates_Employee

Employee	1..*	operates
	<->	

4.13. Entity relationship Operations_operates

operates	*..*	Operations
	<->	

4.14. Entity relationship Operations_updatesPrescription

prescriptionInventory	1..1	Operations
	<->	

4.15. Entity relationship Operations_updatesOTC

otcInventory	1..1	Operations
	<->	

4.16. Entity relationship Operations_updatesNonOTC

nonOTCInventory	1..1	Operations
	<->	

4.17. Entity relationship prescriptionPrice_Prescriptions

Prescriptions	1..1	prescriptionPrice
	<->	

4.18. Entity relationship otcPrice_OTC

OTC	1..1	otcPrice
	<->	

4.19. Entity relationship nonOTCPrice_Non-OTC

Non-OTC	1..1	nonOTCPrice
	<->	

4.20. Entity relationship Price_otcPrice

otcPrice	1..1	Price
	<->	

4.21. Entity relationship Price_prescriptionPrice

prescriptionPrice	1..1	Price
	<->	

4.22. Entity relationship Price_nonOTCPrice

nonOTCPrice	1..1	Price
	<->	

5. Association relationships

6. Areas

6.1. Administration area

6.1.1. Entities

- DrawrVerif
- DCR
- ImprestVerif
- Deposit
- verifysImprest
- verifysDrawer
- deposits
- posts

6.1.2. Entity relationships

- ImprestVerif_verifysImpres
- DrawrVerif_verifysDrawer
- Deposit_deposits
- DCR_posts

6.2. Price Description area

6.2.1. Entities

- Price
- prescriptionPrice
- otcPrice
- nonOTCPrice

6.2.2. Entity relationships

- Price_otcPrice
- Price_prescriptionPrice
- Price_nonOTCPrice

6.3. Operations area

6.3.1. Entities

- Operations
- prescriptionInventory
- otclInventory
- nonOTCInventory
- operates

6.3.2. Entity relationships

- Operations_operates

-
- Operations_updatesPrescription
 - Operations_updatesOTC
 - Operations_updatesNonOTC

6.4. Employees/Inventory area

6.4.1. Entities

- Employee
- OTC
- Prescriptions
- Non-OTC

7. Notes