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# **FVS Pharmacy Diagram**

Logical database model documentation

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# 1. Model details

**Model name:**

FVS Pharmacy Diagram

**Version:**

1.0

**Description:**

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## 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	
salary	Integer	yes	no	
status	Boolean	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	

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## 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	Integer	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
upc0	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	Date	yes	yes	

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## 2.11. Entity verifysDrawer

### 2.11.1. Attributes

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

## 2.12. Entity updatesPrescription

### 2.12.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateEdited	Date	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	Date	yes	yes	

## 2.15. Entity posts

### 2.15.1. Attributes

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

## 2.16. Entity updatesOTC

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### 2.16.1. Attributes

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

## 2.17. Entity updatesNonOTC

### 2.17.1. Attributes

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

## 2.18. Entity prescriptionInven

### 2.18.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateEdited	Date	yes	no	

## 2.19. Entity otclnven

### 2.19.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateEdited	Date	yes	no	

## 2.20. Entity nonOTCInven

### 2.20.1. Attributes

Attribute name	Type	Is mandatory	Is primary identifier	Description
dateEdited	Date	yes	no	

## 2.21. Entity prescriptionPrice

### 2.21.1. Attributes

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



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## 2.22. Entity otcPrice

### 2.22.1. Attributes

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

## 2.23. Entity nonOTCPrice

### 2.23.1. Attributes

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

## 2.24. Entity operates

### 2.24.1. Attributes

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

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## 3. Associations

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## 4. Entity relationships

### 4.1. Entity relationship verifysImpres\_Employee

Employee	*..1	verifysImprest
	<->	

### 4.2. Entity relationship ImprestVerif\_verifysImpres

verifysImprest	1..1	ImprestVerif
	<->	

### 4.3. Entity relationship verifysDrawer\_Employee

Employee	*..*	verifysDrawer
	<->	

### 4.4. Entity relationship updatesPrescription\_Employee

Employee	*..*	updatesPrescription
	<->	

### 4.5. Entity relationship DrawrVerif\_verifysDrawer

verifysDrawer	*..*	DrawrVerif
	<->	

### 4.6. Entity relationship deposits\_Employee

Employee	1..*	deposits
	<->	

### 4.7. Entity relationship Deposit\_deposits

deposits	*..*	Deposit
	<->	

### 4.8. Entity relationship posts\_Employee

Employee	1..1	posts
	<->	

#### 4.9. Entity relationship DCR\_posts

posts	1..1	DCR
	<->	

#### 4.10. Entity relationship editsOTC\_Employee

Employee	*..*	updatesOTC
	<->	

#### 4.11. Entity relationship Non-OTC\_updatesNonOTC

updatesNonOTC	*..*	Non-OTC
	<->	

#### 4.12. Entity relationship Prescriptions\_updatesPrescription

updatesPrescription	*..*	Prescriptions
	<->	

#### 4.13. Entity relationship updatesNonOTC\_Employee

Employee	*..*	updatesNonOTC
	<->	

#### 4.14. Entity relationship operates\_Employee

Employee	1..*	operates
	<->	

#### 4.15. Entity relationship Operations\_operates

operates	*..*	Operations
	<->	

#### 4.16. Entity relationship prescriptionPrice\_Prescriptions

Prescriptions	1..1	prescriptionPrice
	<->	

#### 4.17. Entity relationship Price\_prescriptionPrice

prescriptionPrice	1..1	Price
	<->	

#### 4.18. Entity relationship Price\_otcPrice

otcPrice	1..1	Price
	<->	

#### 4.19. Entity relationship nonOTCPrice\_Non-OTC

Non-OTC	1..1	nonOTCPrice
	<->	

#### 4.20. Entity relationship Price\_nonOTCPrice

nonOTCPrice	1..1	Price
	<->	

#### 4.21. Entity relationship otcPrice\_OTC

OTC	1..1	otcPrice
	<->	

#### 4.22. Entity relationship OTC\_updatesOTC

updatesOTC	*..*	OTC
	<->	

#### 4.23. Entity relationship prescriptionInven\_Prescriptions

Prescriptions	1..1	prescriptionInven
	<->	

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#### 4.24. Entity relationship Operations\_prescriptionInven

prescriptionInven	1..1	Operations
	<->	

#### 4.25. Entity relationship otclnven\_OTC

OTC	1..1	otclnven
	<->	

#### 4.26. Entity relationship Operations\_otclnven

otclnven	1..1	Operations
	<->	

#### 4.27. Entity relationship nonOTClnven\_Non-OTC

Non-OTC	1..1	nonOTClnven
	<->	

#### 4.28. Entity relationship Operations\_nonOTClnven

nonOTClnven	1..1	Operations
	<->	

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## 5. Association relationships

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## 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\_prescriptionPrice
- Price\_otcPrice
- Price\_nonOTCPrice

### 6.3. Operations area

#### 6.3.1. Entities

- Operations
- prescriptionInven
- otclnven
- nonOTCInven
- operates

#### 6.3.2. Entity relationships

- Operations\_operates



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- Operations\_prescriptionInven
  - Operations\_otcInven
  - Operations\_nonOTCInven

## 6.4. Employees/Inventory area

### 6.4.1. Entities

- Employee
- OTC
- Prescriptions
- updatesPrescription
- Non-OTC
- updatesOTC
- updatesNonOTC

### 6.4.2. Entity relationships

- updatesPrescription\_Employee
- editsOTC\_Employee
- Non-OTC\_updatesNonOTC
- Prescriptions\_updatesPrescription
- updatesNonOTC\_Employee
- OTC\_updatesOTC

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## 7. Notes