NODES

```
section_node (
    id INT PRIMARY KEY,
    name VARCHAR(100) NOT NULL
)
disease_node (
    id INT PRIMARY KEY,
    name VARCHAR(100) NOT NULL
)
active_substance_node (
    id INT PRIMARY KEY,
    name VARCHAR(100) NOT NULL
)
manufacturer_node (
    id INT PRIMARY KEY,
    name VARCHAR(100) NOT NULL,
    address VARCHAR(100) NOT NULL
)
medication_node (
    id INT PRIMARY KEY,
    name VARCHAR(100) NOT NULL,
    annotation VARCHAR(1000) NOT NULL
)
drug_node (
    id INT PRIMARY KEY,
    quantity INT NOT NULL CHECK (quantity >= 0),
    price DECIMAL(10,2) NOT NULL CHECK (price >= 0),
    expiration_date DATE NOT NULL
)
employee_node (
    id INT PRIMARY KEY,
    full_name VARCHAR(100) NOT NULL,
    [address] VARCHAR(100) NOT NULL,
    passport VARCHAR(10) NOT NULL UNIQUE,
    profession VARCHAR(10) NOT NULL
)

client_node (
    id INT PRIMARY KEY,
    full_name VARCHAR(100) NOT NULL,
    address VARCHAR(100) NOT NULL
)
sale_node (
    id INT PRIMARY KEY,
    sale_date DATE NOT NULL,
    total_amount DECIMAL(10,2) NOT NULL
        CHECK (total_amount >= 0)
)
order_node (
    id INT PRIMARY KEY,
    order_date DATE NOT NULL,
    total_amount DECIMAL(10,2) NOT NULL
        CHECK (total_amount >= 0)
)
```

EDGES

```
belongs_to_edge

manufactured_by_edge

has_indication_edge

contains_substance_edge

in_section_edge

sold_by_edge

ordered_by_edge

includes_drug_edge (
    quantity INT NOT NULL
        CHECK (quantity > 0)
)

includes_drug_order_edge (
    quantity INT NOT NULL
        CHECK (quantity > 0)
)
```