

MEDEX

Project Overview:

Program Statement: Lack of a single platform for all the medical supplies and equipment that provides services from large health system, stand-alone hospitals to local physician practice.

Drugs, vaccines, surgical supplies, medical supplies and equipment are the most basic significant health care service needs which impact the quality of the patient care. It's essential to make the informed choices about what to buy in order to meet the priority health needs and to avoid wasting resources.

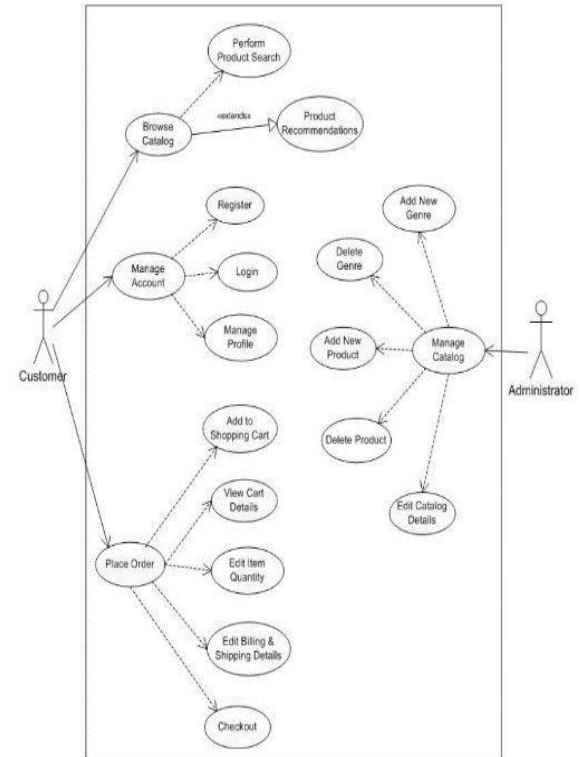
To address this situation, we provide a single Database where physicians/pharmacists get to choose the required items with a easy search.

Application Key Functionalities:

- Stored procedures are used to make the search more efficient where the physicians/pharmacists can use the productID or ProductName as the keyword which is passed as parameter.
- Stored procedures can also be used to draw analysis from the data stored, as to which was the highest sold product based on sales.
- Stored Procedures to give the total amount to be paid based on order id/similar one for payments as well
- Views to see the orders places for the last quarters.
- Views to get the price of products higher than the average price.
- Triggers to handle any malicious activities, if a user is trying to delete a product.
- Triggers to handle any malicious activities, if a user is trying to update a product.
- Indexes to get all the products and the product price since it will be the most searched.

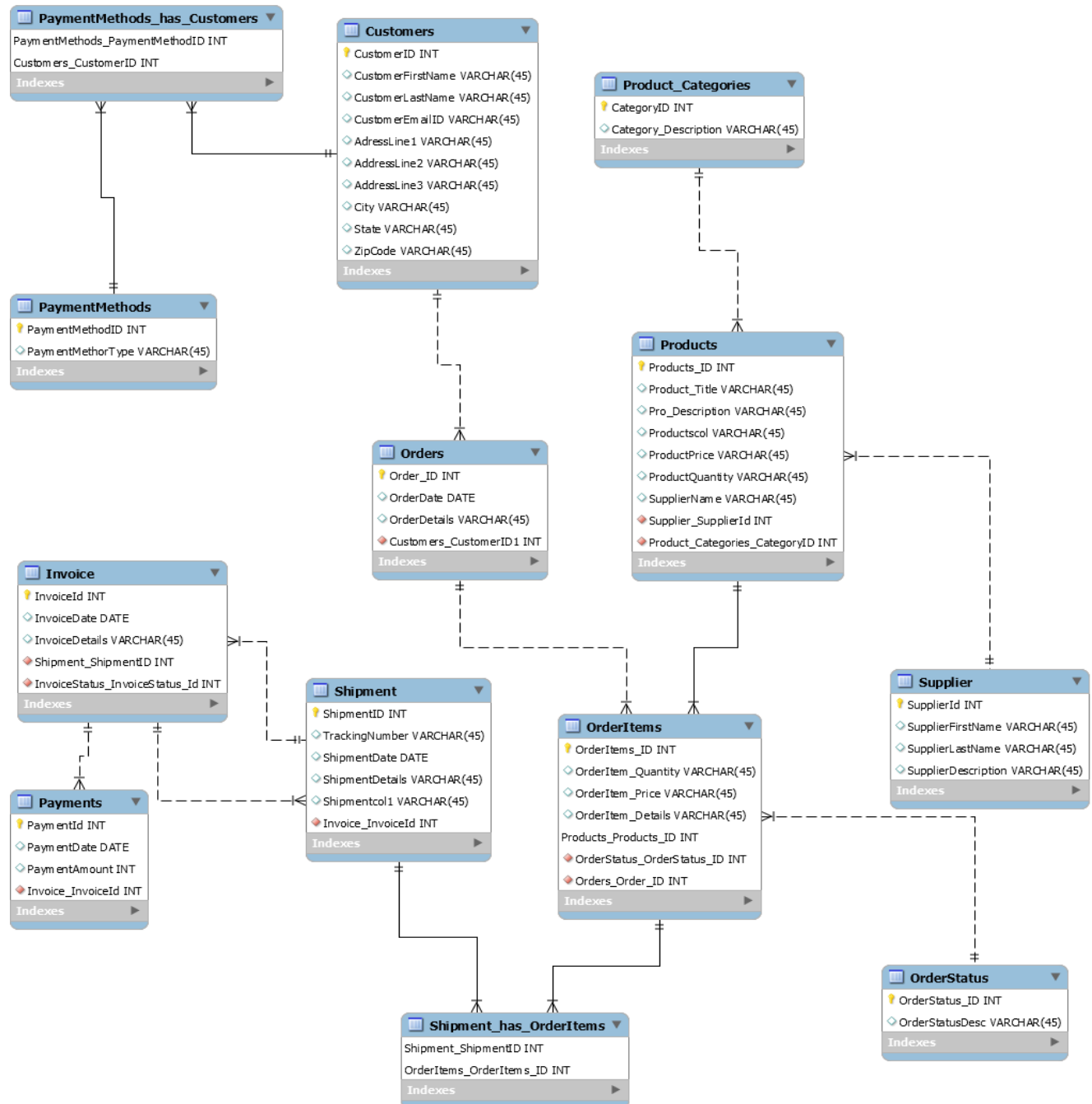
Entities Involved:

- Customers
- Product Categories
- Products
- OrderItems
- Orders
- OrderStatus
- Supplier
- Invoice



- PaymentMethods
- Payments
- Shipments

EER MODEL



Stored Procedures:

OrderDetails

Delimiter \$

```
create procedure proce(IN orderId int)
```

```
Begin
```

```
select OrderItem_Quantity,OrderItem_Price,Products_Products_ID from Orderitems where
```

```
Orders_Order_ID= orderId;
```

```
End $
```

Delimiter ;

```
Call proce(3);
```

TotalPriceBasedOnOrderID

Delimiter \$

```
create procedure TotalPricebasedonOrderID(IN orderId int)
```

```
Begin
```

```
select sum(p.ProductPrice * o.OrderItem_Quantity) as total from products p inner join orderitems o on
```

```
p.Products_ID = o.Products_Products_ID where o.Orders_Order_ID=orderId group by
```

```
o.Orders_Order_ID;
```

```
End $
```

Delimiter ;

ProductsList Based on Category:

```
CREATE DEFINER=`root`@`localhost` PROCEDURE `productbasedonCategory`(IN category varchar(25))
```

```
Begin
```

```
select Product_Title from products p inner join product_categories c on
```

```
p.Product_Categories_CategoryID=c.CategoryID where c.CategoryID=(select CategoryID from  
product_categories where Category_Description=category);
```

```
End
```

```
call productbasedonCategory('equipment');
```

ProductsList Based on CustomerID

```
CREATE DEFINER='root'@'localhost' PROCEDURE `productbasedoncustomer`(IN customerID int)
```

```
Begin
```

```
select * from products where Products_ID=(Select Products_Products_ID from orderitems where  
Orders_Order_ID =(select Order_ID from orders where Customers_CustomerID1=customerID));
```

```
End
```

```
call productbasedoncustomer(3);
```

VIEWS:

BEST Selling Product

```
create view best_sellin_product as  
SELECT products.Product_Title,  
products.Products_ID  
FROM products  
INNER JOIN orderitems ON products.Products_ID = orderitems.Products_Products_ID  
GROUP BY products.Products_ID  
HAVING COUNT(products.Products_ID)  
ORDER BY products.Products_ID DESC  
LIMIT 1;
```

Orders for a Quarter

```
CREATE VIEW Quart_Orders  
AS  
SELECT DISTINCT  
Customers.CustomerID,  
Customers.CustomerFirstName,  
Customers.City,  
Customers.State  
FROM Customers  
JOIN Orders ON Customers.CustomerID = Orders.Customers_CustomerID1  
WHERE Orders.OrderDate BETWEEN '2018-10-26' And '2018-12-10';  
  
select * from Quart_Orders;
```

All Products Info

```
CREATE VIEW Product_Info
AS
SELECT
Products.Products_ID,
Products.Product_Title,
Products.ProductPrice,
Products.Pro_Description
FROM Products;

select * from Product_Info;
```

Products less than average Price

```
CREATE VIEW avg_p
AS
SELECT
Products.Product_Title,
Products.ProductPrice
FROM Products
WHERE Products.ProductPrice > (SELECT AVG(ProductPrice) From Products);

SELECT * FROM avg_p ORDER BY ProductPrice DESC;
```

INDEX:

```
CREATE INDEX by_products_name ON products (Products_Title);

DELIMITER $$
CREATE PROCEDURE Search_Product_Price(IN p_name varchar(45))
BEGIN
SELECT productPrice
FROM products
WHERE product_Title = p_name;
END $$
DELIMITER ;

call Search_Product_Price('Gelnique');
```

TRIGGERS

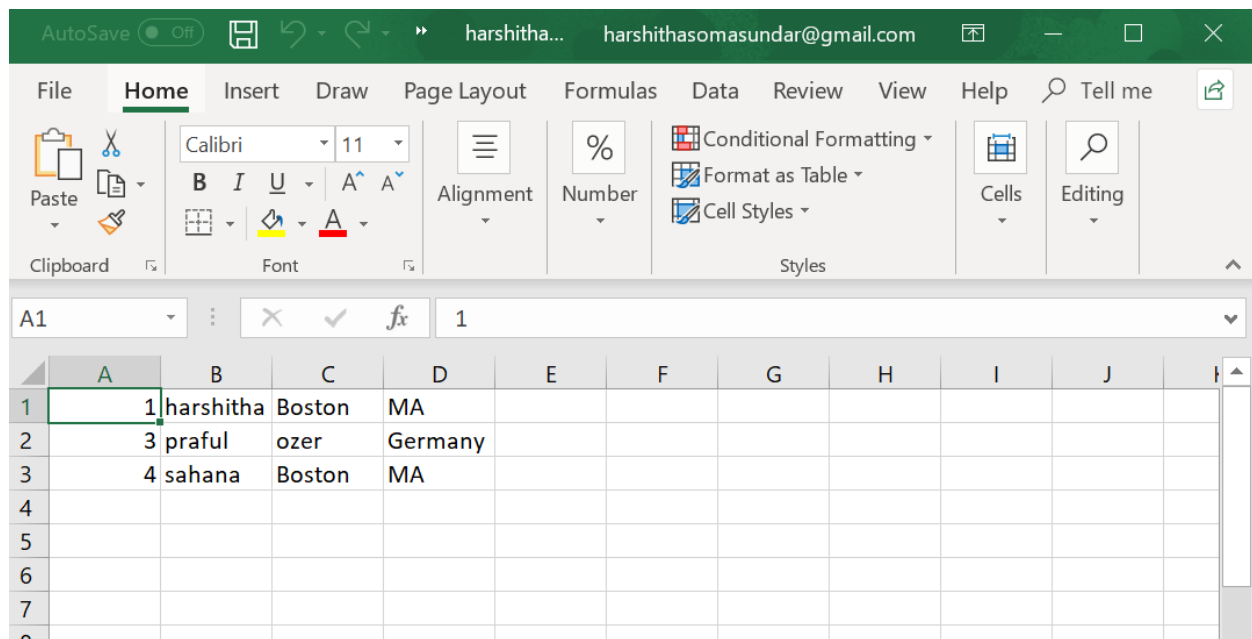
Auditing table for update delete or insert

```
create table tblProductsAudit(  
productAuditID integer primary key auto_increment,  
productID integer,  
actionPerformed varchar(20),  
updatedBy varchar(20),  
updatedAtOn datetime)  
DELIMITER //  
create trigger tblproductsaudit  
before update  
on products  
FOR EACH ROW  
  
Begin  
#set @productId= Old.productId;  
insert into tblproductsaudit  
(  
productID ,  
actionPerformed ,  
updatedBy,  
updatedAtOn) values (OLD.Products_ID,"UPDATE",user(),now());  
END;  
//
```

OUT L;

```
SELECT DISTINCT  
Customers.CustomerID,  
Customers.CustomerFirstName,  
Customers.City,  
Customers.State  
into outfile 'D:/harshi.csv'  
FIELDS TERMINATED BY ','  
ENCLOSED BY ''''
```

```
FROM Customers  
JOIN Orders ON Customers.CustomerID = Orders.Customers_CustomerID1  
WHERE Orders.OrderDate BETWEEN '2018-10-26' And '2018-12-10';
```



DB Backup:

```
-- MySQL dump 10.13  Distrib 8.0.12, for Win64 (x86_64)
--
-- Host: localhost    Database: medex
--
-- Server version      8.0.12

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
SET NAMES utf8 ;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS,
FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE,
SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
```

```

/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;

--
-- Temporary view structure for view `avg_p`
--

DROP TABLE IF EXISTS `avg_p`;
/*!50001 DROP VIEW IF EXISTS `avg_p`*/;
SET @saved_cs_client      = @@character_set_client;
SET character_set_client = utf8mb4;
/*!50001 CREATE VIEW `avg_p` AS SELECT
  1 AS `Product_Title`,
  1 AS `ProductPrice`*/;
SET character_set_client = @saved_cs_client;

--
-- Temporary view structure for view `best_sellin_product`
--

DROP TABLE IF EXISTS `best_sellin_product`;
/*!50001 DROP VIEW IF EXISTS `best_sellin_product`*/;
SET @saved_cs_client      = @@character_set_client;
SET character_set_client = utf8mb4;
/*!50001 CREATE VIEW `best_sellin_product` AS SELECT
  1 AS `Product_Title`,
  1 AS `Products_ID`*/;
SET character_set_client = @saved_cs_client;

--
-- Temporary view structure for view `best_sellin_product1`
--

DROP TABLE IF EXISTS `best_sellin_product1`;
/*!50001 DROP VIEW IF EXISTS `best_sellin_product1`*/;
SET @saved_cs_client      = @@character_set_client;
SET character_set_client = utf8mb4;
/*!50001 CREATE VIEW `best_sellin_product1` AS SELECT
  1 AS `Product_Title`,
  1 AS `Products_ID`*/;
SET character_set_client = @saved_cs_client;

--
-- Table structure for table `customers`
--

DROP TABLE IF EXISTS `customers`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `customers` (
  `CustomerID` int(11) NOT NULL,
  `CustomerFirstName` varchar(45) DEFAULT NULL,
  `CustomerLastName` varchar(45) DEFAULT NULL,

```



```

`CustomerEmailID` varchar(45) DEFAULT NULL,
`AdressLine1` varchar(45) DEFAULT NULL,
`AddressLine2` varchar(45) DEFAULT NULL,
`AddressLine3` varchar(45) DEFAULT NULL,
`City` varchar(45) DEFAULT NULL,
`State` varchar(45) DEFAULT NULL,
`ZipCode` varchar(45) DEFAULT NULL,
PRIMARY KEY (`CustomerID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `customers`
--

LOCK TABLES `customers` WRITE;
/*!40000 ALTER TABLE `customers` DISABLE KEYS */;
INSERT INTO `customers` VALUES
(1,'harshitha','ss','harshuss94@gmail.com','44','parker hill
avenue','roxbury
crossing','Boston','MA','02120'),(2,'Sheetal','shekar','sheetal@gmail.
com','34','cunard
street','batwat','Boston','MA','02345'),(3,'praful','Badami','PrafuBad
amil@gmail.com','29','inchara
street','richmond','ozer','Germany','02560'),(4,'sahana','Jangli','sah
anaJangli@gmail.com','46','Bolylst
on street','op','Boston','MA','02345'),(9,'Vani','Sundar','vani.s@gmail.c
om','Burbank','Hemenway','Street','Boston','MA','2215'),(10,'Prerna','
Aiya','p.aiya@gmail.com','PeterboroughSt','Fenway','Park','Boston','MA
','2115');
/*!40000 ALTER TABLE `customers` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `invoice`
--

DROP TABLE IF EXISTS `invoice`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `invoice` (
  `InvoiceId` int(11) NOT NULL,
  `InvoiceDate` date DEFAULT NULL,
  `InvoiceDetails` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`InvoiceId`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `invoice`
--

```

```

LOCK TABLES `invoice` WRITE;
/*!40000 ALTER TABLE `invoice` DISABLE KEYS */;
INSERT INTO `invoice` VALUES (1,'2018-12-20','payment
completed'),(2,'2018-12-15','payment fulfilled'),(3,'2018-12-
15','payment reached'),(4,'2018-12-25','order confirmed'),(5,'2018-12-
04','payment done');
/*!40000 ALTER TABLE `invoice` ENABLE KEYS */;
UNLOCK TABLES;

```

```

--
-- Table structure for table `orderitems`
--

```

```

DROP TABLE IF EXISTS `orderitems`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
  SET character_set_client = utf8mb4 ;
CREATE TABLE `orderitems` (
  `OrderItems_ID` int(11) NOT NULL,
  `OrderItem_Quantity` int(11) DEFAULT NULL,
  `OrderItem_Price` double DEFAULT NULL,
  `Products_Products_ID` int(11) NOT NULL,
  `OrderStatus_OrderStatus_ID` int(11) NOT NULL,
  `Orders_Order_ID` int(11) NOT NULL,
  PRIMARY KEY (`OrderItems_ID`,`Products_Products_ID`),
  KEY `fk_OrderItems_Products1_idx` (`Products_Products_ID`),
  KEY `fk_OrderItems_OrderStatus1_idx` (`OrderStatus_OrderStatus_ID`),
  KEY `fk_OrderItems_Orders1_idx` (`Orders_Order_ID`),
  CONSTRAINT `fk_OrderItems_Products1` FOREIGN KEY
(`Products_Products_ID`) REFERENCES `mydb`.`products` (`products_id`),
  CONSTRAINT `fk_Orderid` FOREIGN KEY (`Orders_Order_ID`) REFERENCES
`orders` (`order_id`),
  CONSTRAINT `fk_orderstatus` FOREIGN KEY
(`OrderStatus_OrderStatus_ID`) REFERENCES `orderstatus`
(`orderstatus_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

```

```

--
-- Dumping data for table `orderitems`
--

```

```

LOCK TABLES `orderitems` WRITE;
/*!40000 ALTER TABLE `orderitems` DISABLE KEYS */;
INSERT INTO `orderitems` VALUES
(1,10,240,1,1,1),(2,5,1750,2,2,2),(3,15,15000,4,3,2),(4,25,1250000,7,1
,3),(5,3,NULL,1,2,9),(6,19,NULL,1,1,3);
/*!40000 ALTER TABLE `orderitems` ENABLE KEYS */;
UNLOCK TABLES;

```

```

--
-- Table structure for table `orders`
--

```

```

DROP TABLE IF EXISTS `orders`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
  SET character_set_client = utf8mb4 ;
CREATE TABLE `orders` (
  `Order_ID` int(11) NOT NULL,
  `OrderDate` date DEFAULT NULL,
  `OrderDetails` varchar(45) DEFAULT NULL,
  `Customers_CustomerID1` int(11) NOT NULL,
  PRIMARY KEY (`Order_ID`),
  KEY `fk_Orders_Customers1_idx` (`Customers_CustomerID1`),
  CONSTRAINT `fk_Orders_Customers1` FOREIGN KEY
  (`Customers_CustomerID1`) REFERENCES `mydb`.`customers` (`customerid`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `orders`
--

LOCK TABLES `orders` WRITE;
/*!40000 ALTER TABLE `orders` DISABLE KEYS */;
INSERT INTO `orders` VALUES (1,'2018-12-10','drugs and
vaccines',1),(2,'2019-01-07','equipments',2),(3,'2018-11-
20','medications',3),(4,'2018-10-26','medications',5),(5,'2018-11-
15','medications',4),(6,'2018-12-11','equipments',3),(9,'2018-12-
11','equipments',2);
/*!40000 ALTER TABLE `orders` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `orderstatus`
--

DROP TABLE IF EXISTS `orderstatus`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
  SET character_set_client = utf8mb4 ;
CREATE TABLE `orderstatus` (
  `OrderStatus_ID` int(11) NOT NULL,
  `OrderStatusDesc` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`OrderStatus_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `orderstatus`
--

LOCK TABLES `orderstatus` WRITE;
/*!40000 ALTER TABLE `orderstatus` DISABLE KEYS */;
INSERT INTO `orderstatus` VALUES
(1,'New'),(2,'Processing'),(3,'Completed');

```

```

/*!40000 ALTER TABLE `orderstatus` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `paymentmethods`
--

DROP TABLE IF EXISTS `paymentmethods`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
  SET character_set_client = utf8mb4 ;
CREATE TABLE `paymentmethods` (
  `PaymentMethodID` int(11) NOT NULL,
  `PaymentMethorType` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`PaymentMethodID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `paymentmethods`
--

LOCK TABLES `paymentmethods` WRITE;
/*!40000 ALTER TABLE `paymentmethods` DISABLE KEYS */;
INSERT INTO `paymentmethods` VALUES (1,'Credit Card'),(2,'Debit
Card'),(3,'Mobile Wallet');
/*!40000 ALTER TABLE `paymentmethods` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `paymentmethods_has_customers`
--

DROP TABLE IF EXISTS `paymentmethods_has_customers`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
  SET character_set_client = utf8mb4 ;
CREATE TABLE `paymentmethods_has_customers` (
  `PaymentMethods_PaymentMethodID` int(11) NOT NULL,
  `Customers_CustomerID` int(11) NOT NULL,
  PRIMARY KEY
(`PaymentMethods_PaymentMethodID`,`Customers_CustomerID`),
  KEY `fk_PaymentMethods_has_Customers_Customers1_idx`
(`Customers_CustomerID`),
  KEY `fk_PaymentMethods_has_Customers_PaymentMethods1_idx`
(`PaymentMethods_PaymentMethodID`),
  CONSTRAINT `fk_PaymentMethods_has_Customers_Customers1` FOREIGN KEY
(`Customers_CustomerID`) REFERENCES `mydb`.`customers` (`customerid`),
  CONSTRAINT `fk_PaymentMethods_has_Customers_PaymentMethods1` FOREIGN
KEY (`PaymentMethods_PaymentMethodID`) REFERENCES
`mydb`.`paymentmethods` (`paymentmethodid`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

```

```

--
-- Dumping data for table `paymentmethods_has_customers`
--

LOCK TABLES `paymentmethods_has_customers` WRITE;
/*!40000 ALTER TABLE `paymentmethods_has_customers` DISABLE KEYS */;
/*!40000 ALTER TABLE `paymentmethods_has_customers` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `payments`
--

DROP TABLE IF EXISTS `payments`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
  SET character_set_client = utf8mb4 ;
CREATE TABLE `payments` (
  `PaymentId` int(11) NOT NULL,
  `PaymentAmount` int(11) DEFAULT NULL,
  `Invoice_InvoiceId` int(11) NOT NULL,
  `orderIDFK` int(11) DEFAULT NULL,
  PRIMARY KEY (`PaymentId`),
  KEY `fk_Payments_Invoice2_idx` (`Invoice_InvoiceId`),
  KEY `fk_order` (`orderIDFK`),
  CONSTRAINT `fk_inv` FOREIGN KEY (`Invoice_InvoiceId`) REFERENCES
`invoice` (`invoiceid`),
  CONSTRAINT `fk_order` FOREIGN KEY (`orderIDFK`) REFERENCES
`orderitems` (`orders_order_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `payments`
--

LOCK TABLES `payments` WRITE;
/*!40000 ALTER TABLE `payments` DISABLE KEYS */;
INSERT INTO `payments` VALUES
(1,240,1,1),(2,16750,2,2),(3,1250000,3,3);
/*!40000 ALTER TABLE `payments` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `product_categories`
--

DROP TABLE IF EXISTS `product_categories`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
  SET character_set_client = utf8mb4 ;
CREATE TABLE `product_categories` (
  `CategoryID` int(11) NOT NULL,
  `Category_Description` varchar(45) DEFAULT NULL,

```

```

    PRIMARY KEY (`CategoryID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `product_categories`
--

LOCK TABLES `product_categories` WRITE;
/*!40000 ALTER TABLE `product_categories` DISABLE KEYS */;
INSERT INTO `product_categories` VALUES
(1,'Drugs'),(2,'Vaccines'),(3,'Equipments');
/*!40000 ALTER TABLE `product_categories` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Temporary view structure for view `product_info`
--

DROP TABLE IF EXISTS `product_info`;
/*!50001 DROP VIEW IF EXISTS `product_info`*/;
SET @saved_cs_client      = @@character_set_client;
SET character_set_client = utf8mb4;
/*!50001 CREATE VIEW `product_info` AS SELECT
  1 AS `Products_ID`,
  1 AS `Product_Title`,
  1 AS `ProductPrice`,
  1 AS `Pro_Description`*/;
SET character_set_client = @saved_cs_client;

--
-- Table structure for table `products`
--

DROP TABLE IF EXISTS `products`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
SET character_set_client = utf8mb4 ;
CREATE TABLE `products` (
  `Products_ID` int(11) NOT NULL,
  `Product_Title` varchar(45) DEFAULT NULL,
  `Pro_Description` varchar(150) DEFAULT NULL,
  `ProductPrice` varchar(45) DEFAULT NULL,
  `ProductQuantity` varchar(45) DEFAULT NULL,
  `Supplier_SupplierId` int(11) NOT NULL,
  `Product_Categories_CategoryID` int(11) NOT NULL,
  PRIMARY KEY (`Products_ID`),
  KEY `fk_Products_Supplier1_idx` (`Supplier_SupplierId`),
  KEY `fk_Products_Product_Categories1_idx`
(`Product_Categories_CategoryID`),
  KEY `by_products_name` (`Product_Title`),

```

```

    CONSTRAINT `fk_Products_Product_Categories1` FOREIGN KEY
(`Product_Categories_CategoryID`) REFERENCES
`mydb`.`product_categories` (`categoryid`),
    CONSTRAINT `fk_Products_Supplier1` FOREIGN KEY
(`Supplier_SupplierId`) REFERENCES `mydb`.`supplier` (`supplierid`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `products`
--

LOCK TABLES `products` WRITE;
/*!40000 ALTER TABLE `products` DISABLE KEYS */;
INSERT INTO `products` VALUES (1,'ARIPRAZOLEABILIFY','is an
antipsychotic medication used to treat
schizophrenia','24','100',1,1),(2,'Gelnique','gelGelnique is a quick-
drying, colorless topical gel used to treat symptoms of overactive
bladder','350','100',1,1),(3,'BROMOCRIPTINE','Parlodel is used to
treat amenorrhea, a condition in which the menstrual period does not
occur','450','200',1,1),(4,'Inforce 3 Respiratory Vaccine','Inforce 3
is an intranasal vaccine used for the vaccination of
healthy','1000','100',2,2),(5,'Fowl Pox vaccine','vaccine is for
vaccination of healthy chickens aged 8 weeks or
older','4000','50',2,2),(6,'Cavalry 9 Cattle Vaccine','For prevention
of Clostridium chauvoei, septicum','5600','20',2,2),(7,'Blood gas
analyzer','In blood gas analysis, you measure O2, CO2 and pH in the
blood of critically ill patients','50000','40',3,3),(8,'Williams Sound
PockeTalker','Pocketalker Ultra System amplifies sounds closest to the
listener while reducing background noise','10000','100',3,3),(9,'Bock
Medical Edition ENT Kit','Disposable Specula work with our
otoscope','6700','100',3,3);
/*!40000 ALTER TABLE `products` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Temporary view structure for view `quart_orders`
--

DROP TABLE IF EXISTS `quart_orders`;
/*!50001 DROP VIEW IF EXISTS `quart_orders`*/;
SET @saved_cs_client      = @@character_set_client;
SET character_set_client = utf8mb4;
/*!50001 CREATE VIEW `quart_orders` AS SELECT
  1 AS `CustomerID`,
  1 AS `CustomerFirstName`,
  1 AS `City`,
  1 AS `State`*/;
SET character_set_client = @saved_cs_client;

--
-- Table structure for table `shipment`

```

```
--
DROP TABLE IF EXISTS `shipment`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
  SET character_set_client = utf8mb4 ;
CREATE TABLE `shipment` (
  `ShipmentID` int(11) NOT NULL,
  `TrackingNumber` varchar(45) DEFAULT NULL,
  `ShipmentDate` date DEFAULT NULL,
  `Invoice_InvoiceId` int(11) NOT NULL,
  `OrderID` int(11) DEFAULT NULL,
  PRIMARY KEY (`ShipmentID`),
  KEY `fk_Shipment_Invoice2_idx` (`Invoice_InvoiceId`),
  KEY `fk_oID` (`OrderID`),
  CONSTRAINT `fk_invoice` FOREIGN KEY (`Invoice_InvoiceId`) REFERENCES
`invoice` (`invoiceid`),
  CONSTRAINT `fk_oID` FOREIGN KEY (`OrderID`) REFERENCES `orders`
(`order_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;
```

```
--
-- Dumping data for table `shipment`
--
```

```
LOCK TABLES `shipment` WRITE;
/*!40000 ALTER TABLE `shipment` DISABLE KEYS */;
INSERT INTO `shipment` VALUES (1,'29OFY78','2019-01-
04',1,1),(2,'67YTH0','2018-12-25',2,2),(3,'FKIO987','2018-12-
28',3,3),(4,'WHI78J','2019-01-17',4,4),(5,'OKL456','2018-12-17',5,5);
/*!40000 ALTER TABLE `shipment` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--
-- Table structure for table `shipment_has_orderitems`
--
```

```
DROP TABLE IF EXISTS `shipment_has_orderitems`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
  SET character_set_client = utf8mb4 ;
CREATE TABLE `shipment_has_orderitems` (
  `Shipment_ShipmentID` int(11) NOT NULL,
  `OrderItems_OrderItems_ID` int(11) NOT NULL,
  PRIMARY KEY (`Shipment_ShipmentID`,`OrderItems_OrderItems_ID`),
  KEY `fk_Shipment_has_OrderItems_OrderItems1_idx`
(`OrderItems_OrderItems_ID`),
  KEY `fk_Shipment_has_OrderItems_Shipment1_idx`
(`Shipment_ShipmentID`),
  CONSTRAINT `fk_Shipment_has_OrderItems_OrderItems1` FOREIGN KEY
(`OrderItems_OrderItems_ID`) REFERENCES `mydb`.`orderitems`
(`orderitems_id`),
```



```

        CONSTRAINT `fk_Shipment_has_OrderItems_Shipment1` FOREIGN KEY
        (`Shipment_ShipmentID`) REFERENCES `mydb`.`shipment` (`shipmentid`)
    ) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `shipment_has_orderitems`
--

LOCK TABLES `shipment_has_orderitems` WRITE;
/*!40000 ALTER TABLE `shipment_has_orderitems` DISABLE KEYS */;
/*!40000 ALTER TABLE `shipment_has_orderitems` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `supplier`
--

DROP TABLE IF EXISTS `supplier`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
   SET character_set_client = utf8mb4 ;
CREATE TABLE `supplier` (
  `SupplierId` int(11) NOT NULL,
  `SupplierFirstName` varchar(45) DEFAULT NULL,
  `SupplierLastName` varchar(45) DEFAULT NULL,
  `SupplierDescription` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`SupplierId`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `supplier`
--

LOCK TABLES `supplier` WRITE;
/*!40000 ALTER TABLE `supplier` DISABLE KEYS */;
INSERT INTO `supplier` VALUES (1,'CVS','pharm','Supplies all the drugs
from crx'),(2,'Appolo','farm','Supplies all the nescessary
vaccines'),(3,'Maiyas','farm','Supplies the nescessary medical
equipments');
/*!40000 ALTER TABLE `supplier` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `tblproductsaudit`
--

DROP TABLE IF EXISTS `tblproductsaudit`;
/*!40101 SET @saved_cs_client      = @@character_set_client */;
   SET character_set_client = utf8mb4 ;
CREATE TABLE `tblproductsaudit` (
  `productAuditID` int(11) NOT NULL AUTO_INCREMENT,

```

```

    `productID` int(11) DEFAULT NULL,
    `actionPerformed` varchar(20) DEFAULT NULL,
    `updatedBy` varchar(20) DEFAULT NULL,
    `updatedAt` datetime DEFAULT NULL,
    PRIMARY KEY (`productAuditID`)
) ENGINE=InnoDB AUTO_INCREMENT=19 DEFAULT CHARSET=utf8;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `tblproductsaudit`
--

LOCK TABLES `tblproductsaudit` WRITE;
/*!40000 ALTER TABLE `tblproductsaudit` DISABLE KEYS */;
INSERT INTO `tblproductsaudit` VALUES
(1,1,'UPDATE','root@localhost','2018-12-10
22:54:09'),(2,2,'UPDATE','root@localhost','2018-12-10
22:54:09'),(3,3,'UPDATE','root@localhost','2018-12-10
22:54:09'),(4,4,'UPDATE','root@localhost','2018-12-10
22:54:09'),(5,5,'UPDATE','root@localhost','2018-12-10
22:54:09'),(6,6,'UPDATE','root@localhost','2018-12-10
22:54:09'),(7,7,'UPDATE','root@localhost','2018-12-10
22:54:09'),(8,8,'UPDATE','root@localhost','2018-12-10
22:54:09'),(9,9,'UPDATE','root@localhost','2018-12-10
22:54:09'),(10,10,'UPDATE','root@localhost','2018-12-10
22:54:09'),(11,3,'UPDATE','root@localhost','2018-12-10
22:56:01'),(12,4,'UPDATE','root@localhost','2018-12-10
22:56:12'),(13,5,'UPDATE','root@localhost','2018-12-10
22:56:20'),(14,6,'UPDATE','root@localhost','2018-12-10
22:56:26'),(15,7,'UPDATE','root@localhost','2018-12-10
22:56:34'),(16,4,'UPDATE','root@localhost','2018-12-10
22:57:23'),(17,4,'UPDATE','root@localhost','2018-12-10
22:59:52'),(18,10,'DELETE','root@localhost','2018-12-10 23:10:53');
/*!40000 ALTER TABLE `tblproductsaudit` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Final view structure for view `avg_p`
--

/*!50001 DROP VIEW IF EXISTS `avg_p`*/;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results        = @@character_set_results */;
/*!50001 SET @saved_col_connection    = @@collation_connection */;
/*!50001 SET character_set_client     = utf8mb4 */;
/*!50001 SET character_set_results    = utf8mb4 */;
/*!50001 SET collation_connection     = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `avg_p` AS select `products`.`Product_Title` AS
`Product_Title`,`products`.`ProductPrice` AS `ProductPrice` from

```

```

`products` where (`products`.`ProductPrice` > (select
avg(`products`.`ProductPrice`) from `products`)) */;
/*!50001 SET character_set_client      = @saved_cs_client */;
/*!50001 SET character_set_results     = @saved_cs_results */;
/*!50001 SET collation_connection     = @saved_col_connection */;

--
-- Final view structure for view `best_sellin_product`
--

/*!50001 DROP VIEW IF EXISTS `best_sellin_product`*/;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results        = @@character_set_results */;
/*!50001 SET @saved_col_connection    = @@collation_connection */;
/*!50001 SET character_set_client      = utf8mb4 */;
/*!50001 SET character_set_results     = utf8mb4 */;
/*!50001 SET collation_connection     = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `best_sellin_product` AS select
`products`.`Product_Title` AS `Product_Title`,`products`.`Products_ID`
AS `Products_ID` from (`products` join `orderitems`
on((`products`.`Products_ID` = `orderitems`.`Products_Products_ID`)))
group by `products`.`Products_ID` having
count(`products`.`Products_ID`) order by `products`.`Products_ID` desc
limit 1 */;
/*!50001 SET character_set_client      = @saved_cs_client */;
/*!50001 SET character_set_results     = @saved_cs_results */;
/*!50001 SET collation_connection     = @saved_col_connection */;

--
-- Final view structure for view `best_sellin_product1`
--

/*!50001 DROP VIEW IF EXISTS `best_sellin_product1`*/;
/*!50001 SET @saved_cs_client          = @@character_set_client */;
/*!50001 SET @saved_cs_results        = @@character_set_results */;
/*!50001 SET @saved_col_connection    = @@collation_connection */;
/*!50001 SET character_set_client      = utf8mb4 */;
/*!50001 SET character_set_results     = utf8mb4 */;
/*!50001 SET collation_connection     = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `best_sellin_product1` AS select
`products`.`Product_Title` AS `Product_Title`,`products`.`Products_ID`
AS `Products_ID` from (`products` join `orderitems`
on((`products`.`Products_ID` = `orderitems`.`Products_Products_ID`)))
group by `products`.`Products_ID` having
count(`products`.`Products_ID`) order by `products`.`Products_ID` asc
limit 1 */;
/*!50001 SET character_set_client      = @saved_cs_client */;
/*!50001 SET character_set_results     = @saved_cs_results */;

```

```

/*!50001 SET collation_connection          = @saved_col_connection */;

--
-- Final view structure for view `product_info`
--

/*!50001 DROP VIEW IF EXISTS `product_info`*/;
/*!50001 SET @saved_cs_client              = @@character_set_client */;
/*!50001 SET @saved_cs_results             = @@character_set_results */;
/*!50001 SET @saved_col_connection         = @@collation_connection */;
/*!50001 SET character_set_client          = utf8mb4 */;
/*!50001 SET character_set_results         = utf8mb4 */;
/*!50001 SET collation_connection          = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `product_info` AS select `products`.`Products_ID` AS
`Products_ID`,`products`.`Product_Title` AS
`Product_Title`,`products`.`ProductPrice` AS
`ProductPrice`,`products`.`Pro_Description` AS `Pro_Description` from
`products` */;
/*!50001 SET character_set_client          = @saved_cs_client */;
/*!50001 SET character_set_results         = @saved_cs_results */;
/*!50001 SET collation_connection          = @saved_col_connection */;

--
-- Final view structure for view `quart_orders`
--

/*!50001 DROP VIEW IF EXISTS `quart_orders`*/;
/*!50001 SET @saved_cs_client              = @@character_set_client */;
/*!50001 SET @saved_cs_results             = @@character_set_results */;
/*!50001 SET @saved_col_connection         = @@collation_connection */;
/*!50001 SET character_set_client          = utf8mb4 */;
/*!50001 SET character_set_results         = utf8mb4 */;
/*!50001 SET collation_connection          = utf8mb4_0900_ai_ci */;
/*!50001 CREATE ALGORITHM=UNDEFINED */
/*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER */
/*!50001 VIEW `quart_orders` AS select distinct
`customers`.`CustomerID` AS
`CustomerID`,`customers`.`CustomerFirstName` AS
`CustomerFirstName`,`customers`.`City` AS `City`,`customers`.`State`
AS `State` from (`customers` join `orders`
on((`customers`.`CustomerID` = `orders`.`Customers_CustomerID1`)))
where (`orders`.`OrderDate` between '2018-10-26' and '2018-12-10') */;
/*!50001 SET character_set_client          = @saved_cs_client */;
/*!50001 SET character_set_results         = @saved_cs_results */;
/*!50001 SET collation_connection          = @saved_col_connection */;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;

```

```
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;  
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;  
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;  
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;
```

```
-- Dump completed on 2018-12-11 12:18:43
```