Kinjal Mehta
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Hospital Health Management

Problems Definitions -

→ Lack of immediate retrievals:

- The information is very difficult to retrieve and to find particular information like to find out about the patient's history, the user has to go through various registers. This results in inconvenience and wastage of time.

→ Lack of immediate information storage:

- The information generated by various transactions takes time and efforts to be stored at right place.

→ Lack of prompt updating:

- Various changes to information like patient details or immunization details of child are difficult to make as paper work is involved.

→ Error prone manual calculation:

- Manual calculations are error prone and take a lot of time this may result in incorrect information. For example calculation of patient's bill based on various treatments.5.

→ Preparation of accurate and prompt reports:

- This becomes a difficult task as information is difficult to collect from various registers.

Solutions:

1. Improved Manual System:-

   One of the alternative solutions is the improvement of the manual system. Anything, which can be done by using automated methods, can be done manually. But the question arises how to perform thing manually in a sound manner. Following are some suggestions, which can be useful in the manual system. A more sophisticated register maintenance for various Patient Information, Doctor diary, Immunization Details and a good system for writing bill amount employees and stock availed for the customers can be maintained at central place. Adequate staff may be maintained so that updating are made at the very moment at the same time. Proper person for proper work should be made responsible so that a better efficiency could be achieved. This needs a lot of work force.

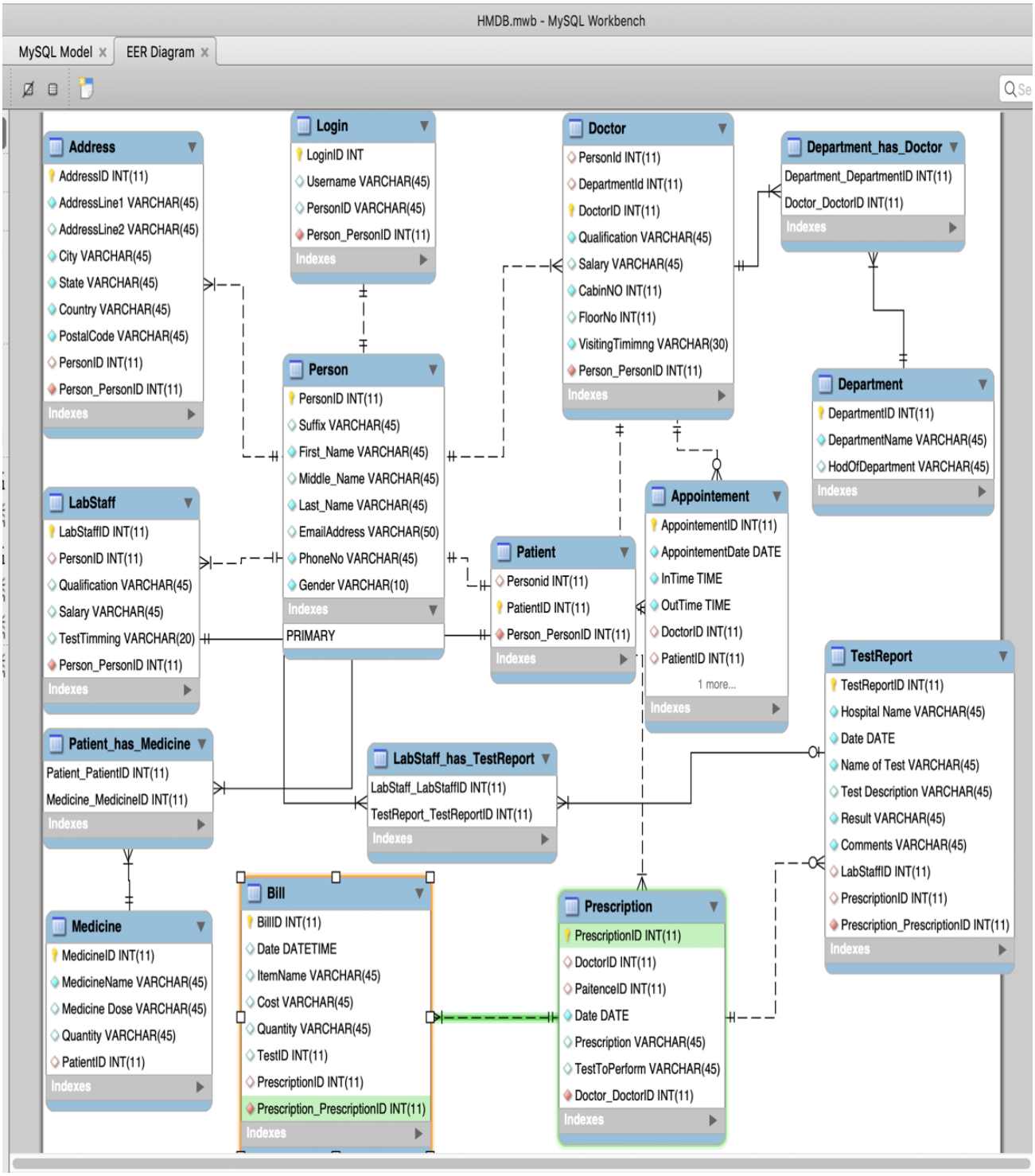
2. Batch System:-

   Another alternative solution can be used of computer based batch system for maintaining the information regarding purchase details, customers and employees. A batch system refers to a system in which data is processed in a periodical basis. The batch system is able to achieve most of the goals and sub goals. But a batch system data is processed in sequential basis. Therefore batch system is not suggested.

3. Online System:-

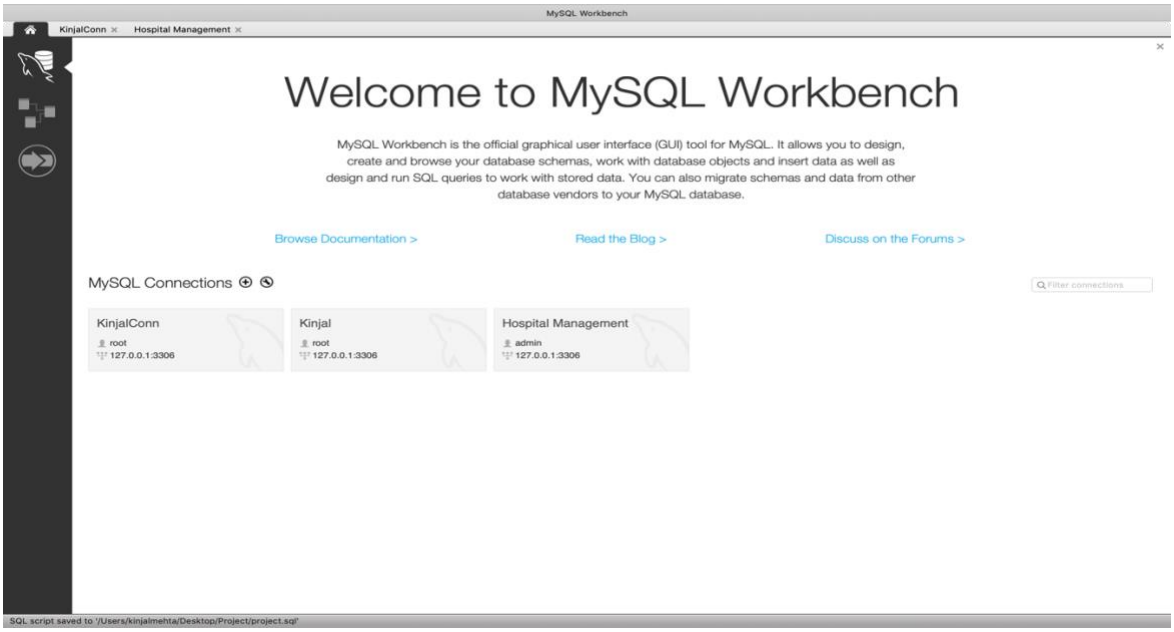
   The system provides online storage/ updating and retrieval facility. This system promises very less or no paperwork and also provides help to Doctor and operational staff. In this system everything is stored electronically so very less amount of paperwork is required and information can be retrieved very easily without searching here and there into registers. This system is been discussed here

ER Diagram:


HMDB.mwb - MySQL Workbench
MySQL Model
EER Diagram
Address
AddressID INT(11)
AddressLine1 VARCHAR(45)
AddressLine2 VARCHAR(45)
City VARCHAR(45)
State VARCHAR(45)
Country VARCHAR(45)
PostalCode VARCHAR(45)
PersonID INT(11)
Person_PersonID INT(11)
Indexes
Login
LoginID INT
Username VARCHAR(45)
PersonID VARCHAR(45)
Person_PersonID INT(11)
Indexes
Doctor
PersonId INT(11)
DepartmentId INT(11)
DoctorID INT(11)
Qualification VARCHAR(45)
Salary VARCHAR(45)
CabinNO INT(11)
FloorNo INT(11)
VisitingTimimng VARCHAR(30)
Person_PersonID INT(11)
Indexes
Department_has_Doctor
Department_DepartmentID INT(11)
Doctor_DoctorID INT(11)
Indexes
Person
PersonID INT(11)
Suffix VARCHAR(45)
First_Name VARCHAR(45)
Middle_Name VARCHAR(45)
Last_Name VARCHAR(45)
EmailAddress VARCHAR(50)
PhoneNo VARCHAR(45)
Gender VARCHAR(10)
Indexes
PRIMARY
Department
DepartmentID INT(11)
DepartmentName VARCHAR(45)
HodOfDepartment VARCHAR(45)
Indexes
LabStaff
LabStaffID INT(11)
PersonID INT(11)
Qualification VARCHAR(45)
Salary VARCHAR(45)
TestTimming VARCHAR(20)
Person_PersonID INT(11)
Indexes
Patient
Personid INT(11)
PatientID INT(11)
Person_PersonID INT(11)
Indexes
Appointement
AppointementID INT(11)
AppointementDate DATE
InTime TIME
OutTime TIME
DoctorID INT(11)
PatientID INT(11)
1 more...
Indexes
TestReport
TestReportID INT(11)
Hospital Name VARCHAR(45)
Date DATE
Name of Test VARCHAR(45)
Test Description VARCHAR(45)
Result VARCHAR(45)
Comments VARCHAR(45)
LabStaffID INT(11)
PrescriptionID INT(11)
Prescription_PrescriptionID INT(11)
Indexes
Patient_has_Medicine
Patient_PatientID INT(11)
Medicine_MedicineID INT(11)
Indexes
LabStaff_has_TestReport
LabStaff_LabStaffID INT(11)
TestReport_TestReportID INT(11)
Indexes
Bill
BillID INT(11)
Date DATETIME
ItemName VARCHAR(45)
Cost VARCHAR(45)
Quantity VARCHAR(45)
TestID INT(11)
PrescriptionID INT(11)
Prescription_PrescriptionID INT(11)
Indexes
Prescription
PrescriptionID INT(11)
DoctorID INT(11)
PaitenceID INT(11)
Date DATE
Prescription VARCHAR(45)
TestToPerform VARCHAR(45)
Doctor_DoctorID INT(11)
Indexes
Medicine
MedicineID INT(11)
MedicineName VARCHAR(45)
Medicine Dose VARCHAR(45)
Quantity VARCHAR(45)
PatientID INT(11)
Indexes

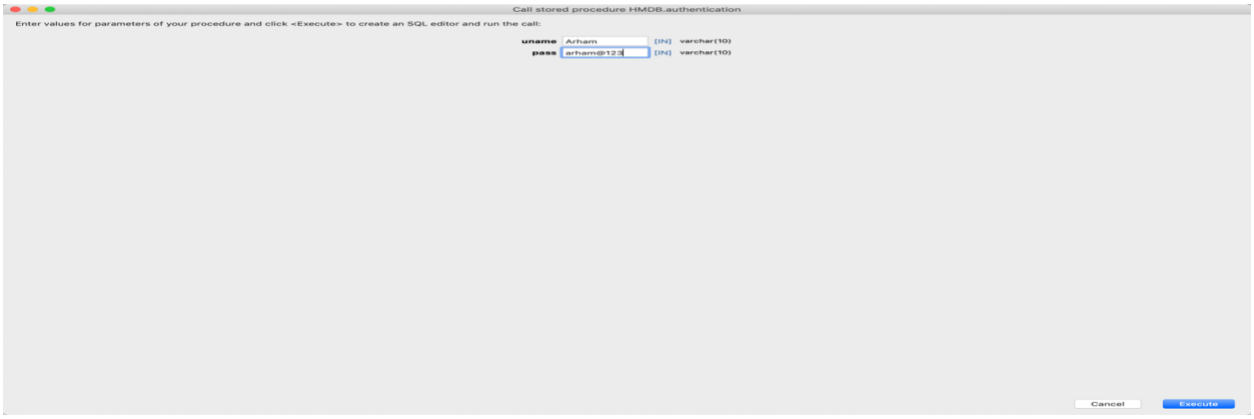
This Database have 1 privilege

Admin:

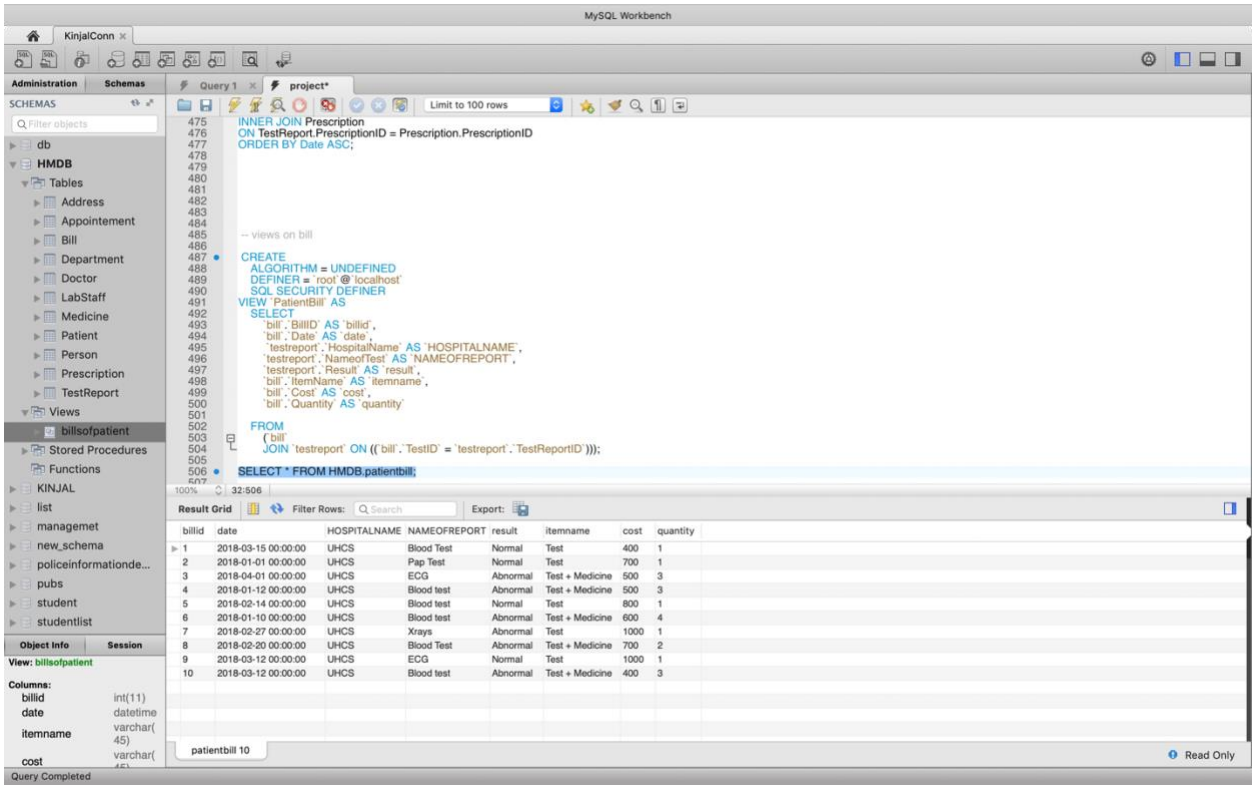


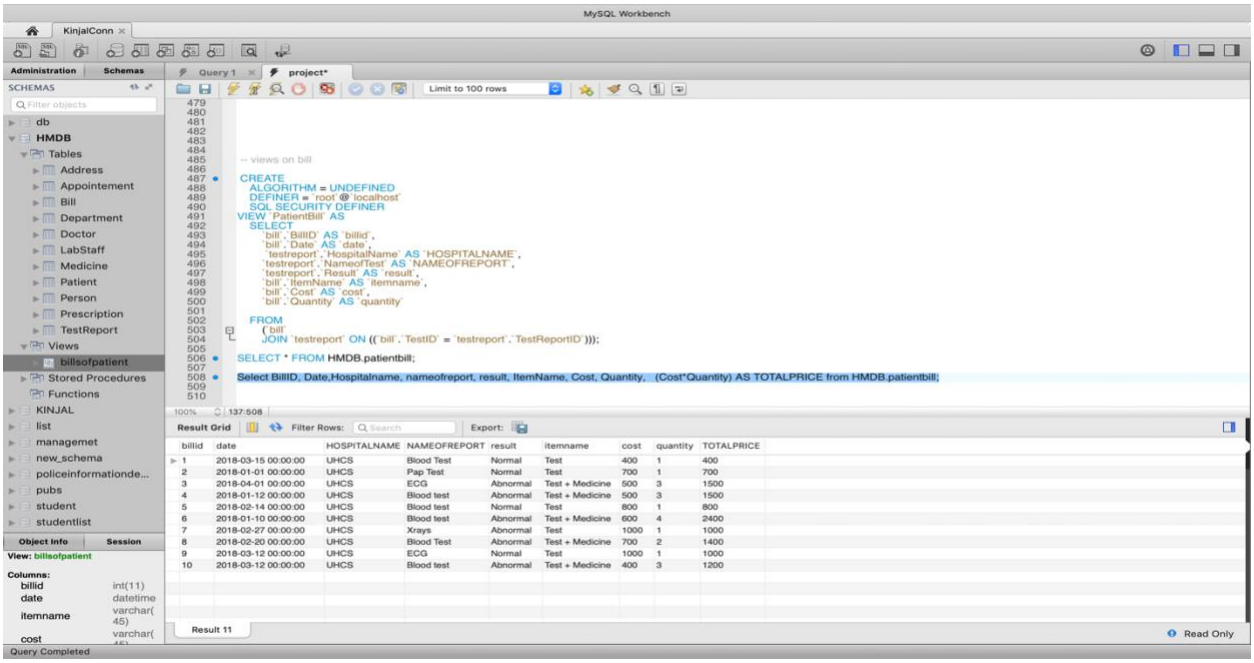
Project have 3 Special Features:

1. **Login** is created using stored procedure for doctor.

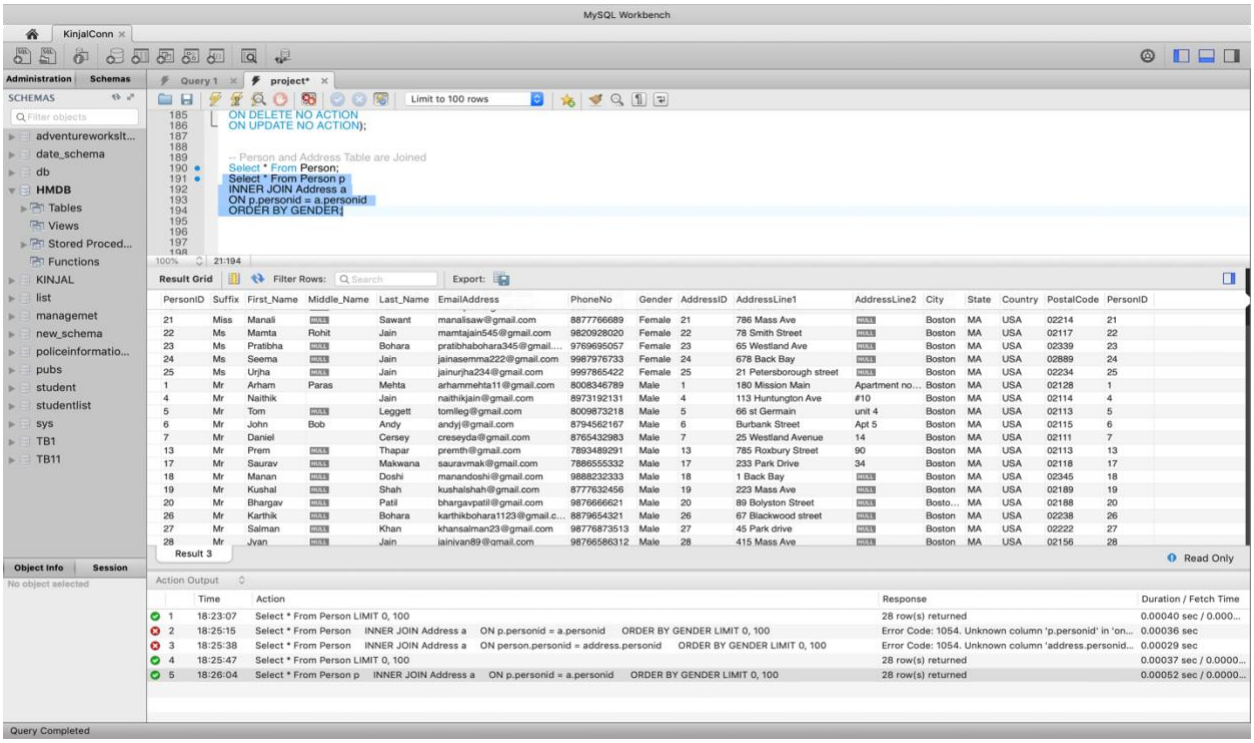


2. **View** is created to know the bill of each patient.

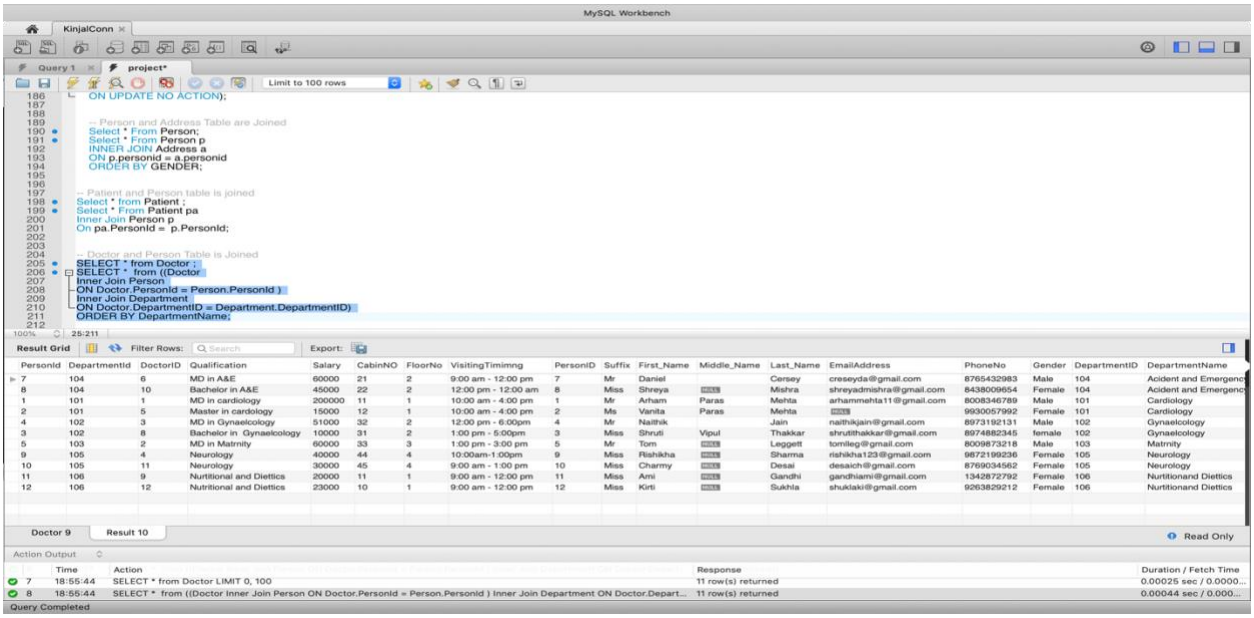



MySQL Workbench
KinjalConn
Administration
Schemas
SCHEMAS
db
HMDB
Tables
Address
Appointement
Bill
Department
Doctor
LabStaff
Medicine
Patient
Person
Prescription
TestReport
Views
billsofpatient
Stored Procedures
Functions
KINJAL
list
managemet
new_schema
policeinformationde...
pubs
student
studentlist
Object Info
Session
View: billsofpatient
Columns:
billid int(11)
date datetime
itemname varchar(45)
cost varchar(
Query 1
project*
Limit to 100 rows
-- views on bill
CREATE
ALGORITHM = UNDEFINED
DEFINER = `root`@`localhost`
SQL SECURITY DEFINER
VIEW `PatientBill` AS
SELECT
`bill`.`BillID` AS `billid`,
`bill`.`Date` AS `date`,
`testreport`.`HospitalName` AS `HOSPITALNAME`,
`testreport`.`NameofTest` AS `NAMEOFREPORT`,
`testreport`.`Result` AS `result`,
`bill`.`ItemName` AS `itemname`,
`bill`.`Cost` AS `cost`,
`bill`.`Quantity` AS `quantity`
FROM
(`bill`
JOIN `testreport` ON ((`bill`.`TestID` = `testreport`.`TestReportID`)));
SELECT * FROM HMDB.patientbill;
Select BillID, Date,Hospitalname, nameofreport, result, ItemName, Cost, Quantity, (Cost*Quantity) AS TOTALPRICE from HMDB.patientbill;
Result Grid
Filter Rows:
Export:
billid date HOSPITALNAME NAMEOFREPORT result itemname cost quantity TOTALPRICE
1 2018-03-15 00:00:00 UHCS Blood Test Normal Test 400 1 400
2 2018-01-01 00:00:00 UHCS Pap Test Normal Test 700 1 700
3 2018-04-01 00:00:00 UHCS ECG Abnormal Test + Medicine 500 3 1500
4 2018-01-12 00:00:00 UHCS Blood test Abnormal Test + Medicine 500 3 1500
5 2018-02-14 00:00:00 UHCS Blood test Normal Test 800 1 800
6 2018-01-10 00:00:00 UHCS Blood test Abnormal Test + Medicine 600 4 2400
7 2018-02-27 00:00:00 UHCS Xrays Abnormal Test 1000 1 1000
8 2018-02-20 00:00:00 UHCS Blood Test Abnormal Test + Medicine 700 2 1400
9 2018-03-12 00:00:00 UHCS ECG Normal Test 1000 1 1000
10 2018-03-12 00:00:00 UHCS Blood test Abnormal Test + Medicine 400 3 1200
Result 11
Read Only
Query Completed

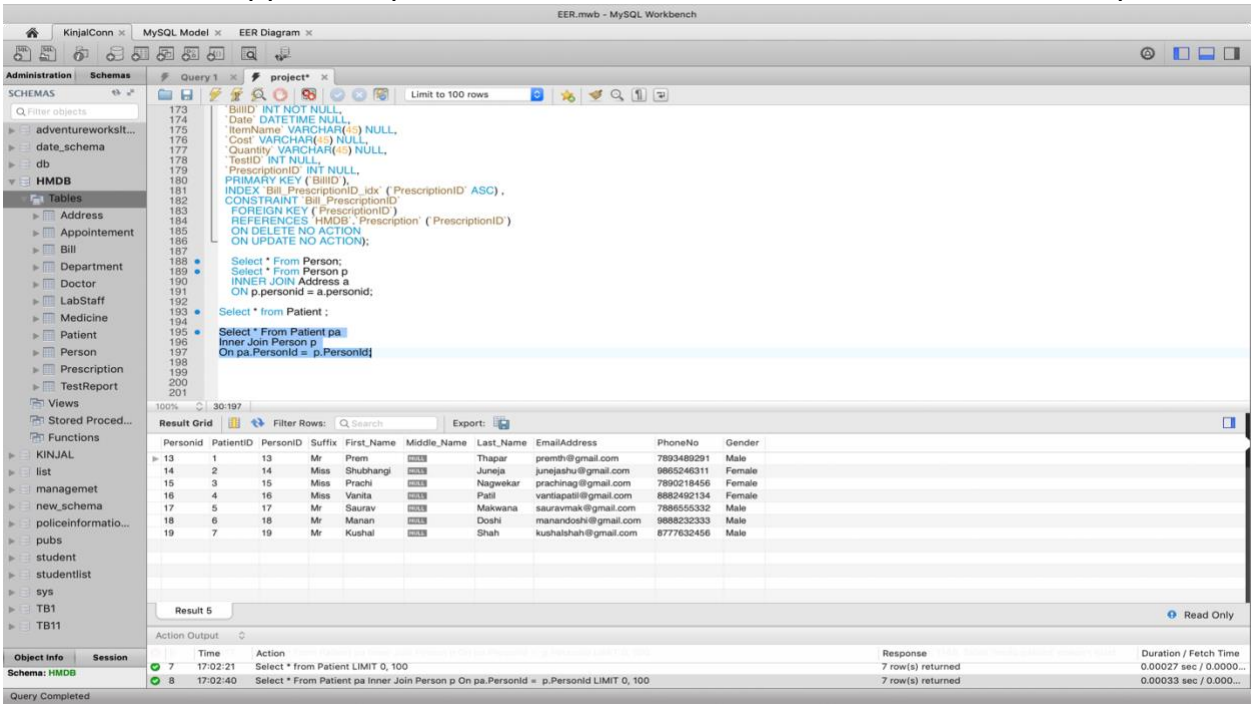
3. Join is applied on Person table so that we can full information about each person with his/her address so that it became easy to contact them during case of emergency and easy to backup.



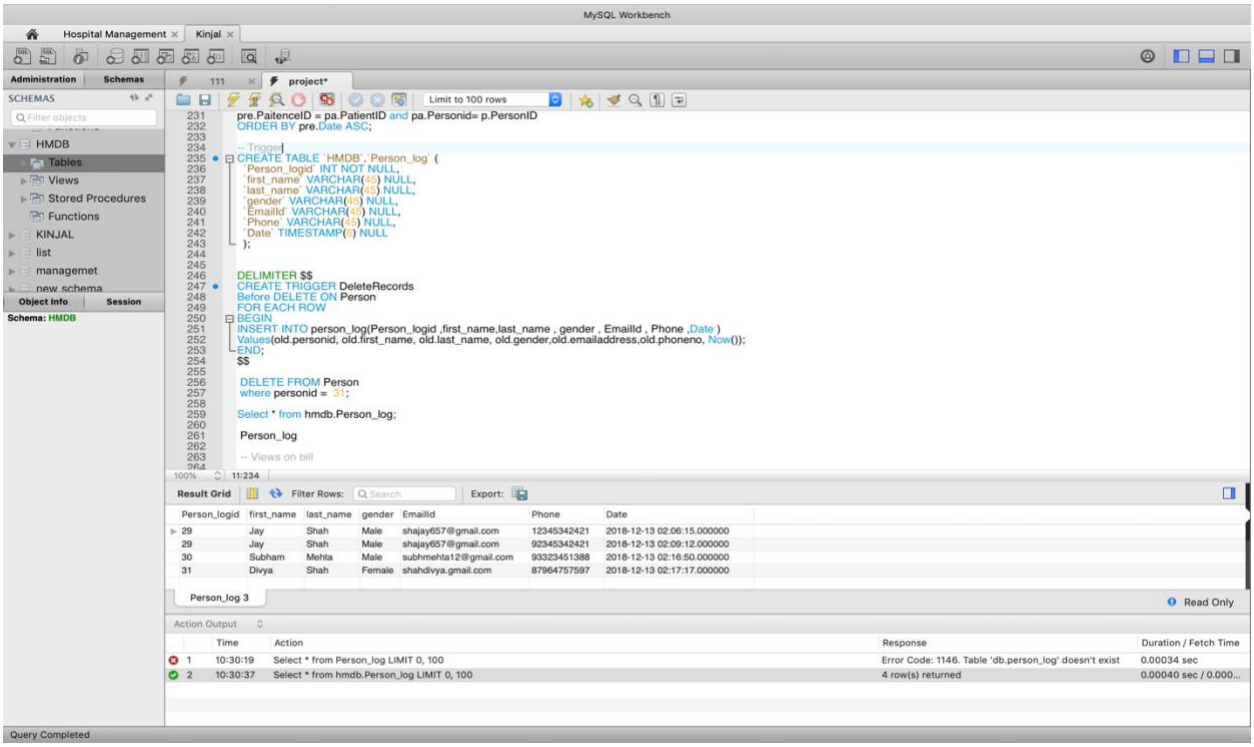
4. Doctor Information is generated using inner join on person and department tables.



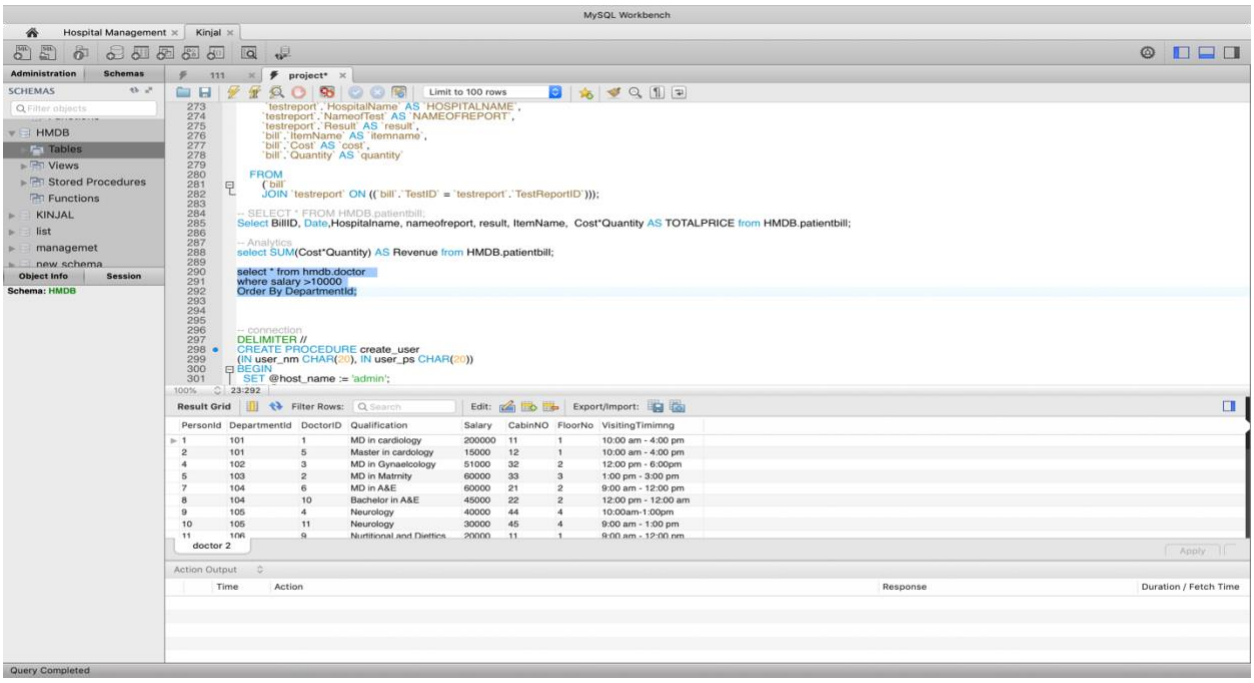
5. Inner Join is applied to patient table to have full information about the patient.

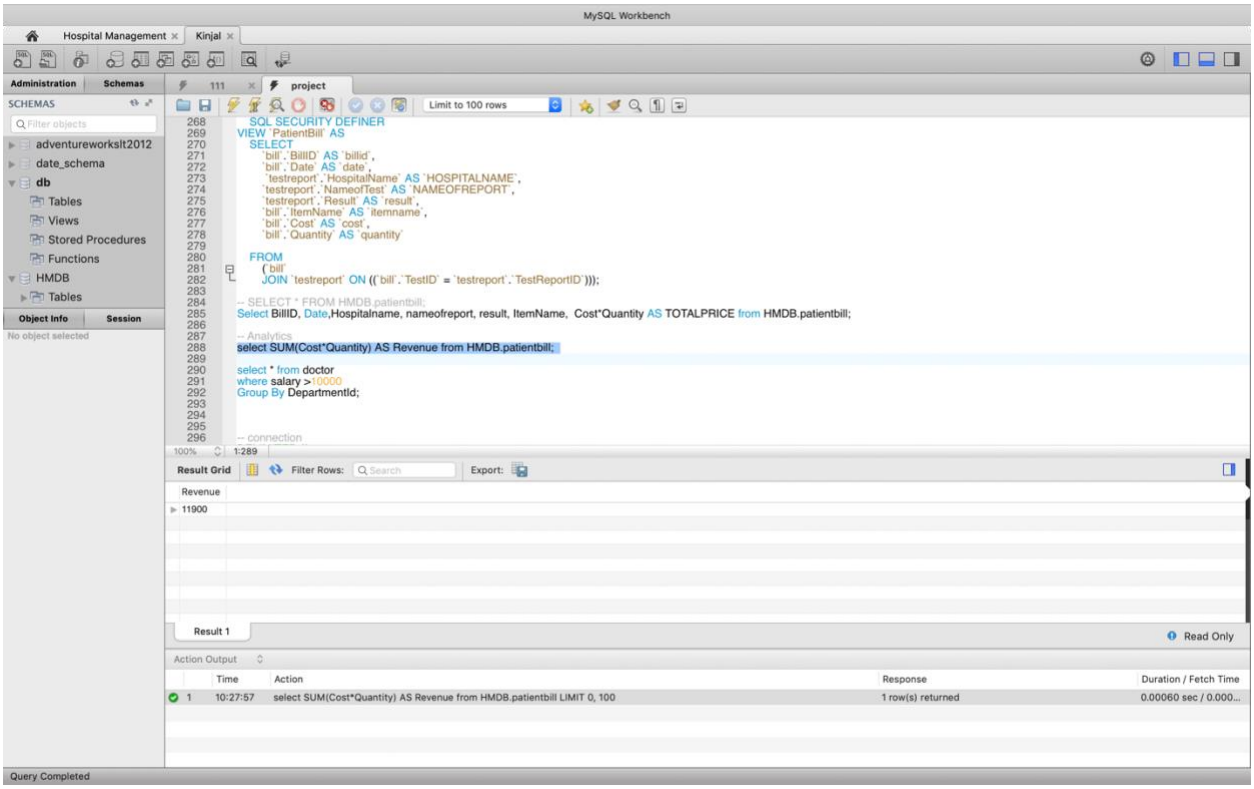


6. **Trigger** is happening on delete of record from my person table.



7. **Analytics** is done on total revenue of hospital and salary of doctor which is greater than 10000.





Kinjal Mehta

001447878

Dump file

```
CREATE DATABASE  IF NOT EXISTS `HMDB` /*!40100 DEFAULT CHARACTER SET utf8mb4
COLLATE utf8mb4_0900_ai_ci */;

USE `HMDB`;

-- MySQL dump 10.13  Distrib 8.0.12, for macos10.13 (x86_64)

--

-- Host: 127.0.0.1    Database: HMDB

-- ------------------------------------------------------

-- 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 */;
```

```
--

-- Table structure for table `Appointement`

--


DROP TABLE IF EXISTS `Appointement`;

/*!40101 SET @saved_cs_client     = @@character_set_client */;

 SET character_set_client = utf8mb4 ;

CREATE TABLE `Appointement` (

  `AppointementID` int(11) NOT NULL,

  `AppointementDate` date NOT NULL,

  `InTime` time NOT NULL,

  `OutTime` time NOT NULL,

  `DoctorID` int(11) DEFAULT NULL,

  `PatientID` int(11) DEFAULT NULL,

  PRIMARY KEY (`AppointementID`),

  KEY `Appointment_PatientD_idx` (`PatientID`),

  KEY `AppointmentDoctor_idx` (`DoctorID`),

  CONSTRAINT `AppointmentDoctor` FOREIGN KEY (`DoctorID`) REFERENCES `doctor`
(`doctorid`),

  CONSTRAINT `Appointment_PersonID` FOREIGN KEY (`PatientID`) REFERENCES `patient`
(`patientid`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8 COMMENT='Appointement Information.';
```

```
/*!40101 SET character_set_client = @saved_cs_client */;


--

-- Dumping data for table `Appointement`

--


LOCK TABLES `Appointement` WRITE;

/*!40000 ALTER TABLE `Appointement` DISABLE KEYS */;

INSERT INTO `Appointement` VALUES (1,'2018-01-01','01:00:20','02:00:00',3,2),(2,'2018-01-10','01:00:00','02:50:00',3,1),(3,'2018-01-12','12:00:44','01:22:00',5,2),(4,'2018-02-14','09:30:00','10:00:15',9,3),(5,'2018-02-20','01:00:10','02:00:00',8,4),(6,'2018-02-27','09:00:00','09:34:00',10,5),(7,'2018-03-01','11:00:00','12:00:00',11,6),(8,'2018-03-12','09:30:18','10:12:00',12,7),(9,'2018-03-15','02:20:00','02:30:00',2,1),(10,'2018-04-01','10:00:00','10:20:00',4,2);

/*!40000 ALTER TABLE `Appointement` ENABLE KEYS */;

UNLOCK TABLES;

/*!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 2018-12-13 11:55:07


CREATE DATABASE  IF NOT EXISTS `HMDB` /*!40100 DEFAULT CHARACTER SET utf8mb4
COLLATE utf8mb4_0900_ai_ci */;

USE `HMDB`;

-- MySQL dump 10.13  Distrib 8.0.12, for macos10.13 (x86_64)

--

-- Host: 127.0.0.1    Database: HMDB

-- ------------------------------------------------------

-- 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 */;


--

-- Table structure for table `Bill`

--


DROP TABLE IF EXISTS `Bill`;

/*!40101 SET @saved_cs_client     = @@character_set_client */;

 SET character_set_client = utf8mb4 ;

CREATE TABLE `Bill` (

  `BillID` int(11) NOT NULL,

  `Date` datetime DEFAULT NULL,

  `ItemName` varchar(45) DEFAULT NULL,

  `Cost` varchar(45) DEFAULT NULL,

  `Quantity` varchar(45) DEFAULT NULL,

  `TestID` int(11) DEFAULT NULL,

  `PrescriptionID` int(11) DEFAULT NULL,

  PRIMARY KEY (`BillID`),

  KEY `Bill_PrescriptionID_idx` (`PrescriptionID`),

  CONSTRAINT `Bill_PrescriptionID` FOREIGN KEY (`PrescriptionID`) REFERENCES `prescription`
(`prescriptionid`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

/*!40101 SET character_set_client = @saved_cs_client */;
```

--

-- Dumping data for table `Bill`

--

LOCK TABLES `Bill` WRITE;

/*!40000 ALTER TABLE `Bill` DISABLE KEYS */;

INSERT INTO `Bill` VALUES (1,'2018-03-15 00:00:00','Test','400','1',1,1),(2,'2018-01-01 00:00:00','Test','700','1',2,2),(3,'2018-04-01 00:00:00','Test + Medicine','500','3',3,3),(4,'2018-01-12 00:00:00','Test + Medicine','500','3',4,4),(5,'2018-02-14 00:00:00','Test','800','1',5,5),(6,'2018-01-10 00:00:00','Test + Medicine','600','4',6,6),(7,'2018-02-27 00:00:00','Test','1000','1',7,7),(8,'2018-02-20 00:00:00','Test + Medicine','700','2',8,8),(9,'2018-03-12 00:00:00','Test','1000','1',9,9),(10,'2018-03-12 00:00:00','Test + Medicine','400','3',10,10);

/*!40000 ALTER TABLE `Bill` ENABLE KEYS */;

UNLOCK TABLES;

/*!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 2018-12-13 11:55:07



CREATE DATABASE  IF NOT EXISTS `HMDB` /*!40100 DEFAULT CHARACTER SET utf8mb4
COLLATE utf8mb4_0900_ai_ci */;

USE `HMDB`;

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/*!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 */;
```

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/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO'
*/;

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



--

-- Table structure for table `Department`

--


DROP TABLE IF EXISTS `Department`;

/*!40101 SET @saved_cs_client     = @@character_set_client */;

 SET character_set_client = utf8mb4 ;

CREATE TABLE `Department` (

  `DepartmentID` int(11) NOT NULL,

  `DepartmentName` varchar(45) NOT NULL,

  `HodOfDepartment` varchar(45) DEFAULT NULL,

  PRIMARY KEY (`DepartmentID`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

/*!40101 SET character_set_client = @saved_cs_client */;



--

-- Dumping data for table `Department`
```

```
--


LOCK TABLES `Department` WRITE;

/*!40000 ALTER TABLE `Department` DISABLE KEYS */;

INSERT INTO `Department` VALUES (101,'Cardiology','Arham
Mehta'),(102,'Gynaelcology','Shruthi Thakkar '),(103,'Matrnity','Vanita Mehta'),(104,'Acident
and Emergency','John Andy'),(105,'Neurology','Naithik Jain'),(106,'Nurtitionand
Diettics','Rishikha ');

/*!40000 ALTER TABLE `Department` ENABLE KEYS */;

UNLOCK TABLES;

/*!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 */;


CREATE DATABASE  IF NOT EXISTS `HMDB` /*!40100 DEFAULT CHARACTER SET utf8mb4
COLLATE utf8mb4_0900_ai_ci */;

USE `HMDB`;

-- MySQL dump 10.13  Distrib 8.0.12, for macos10.13 (x86_64)
```

```
--

-- Host: 127.0.0.1    Database: HMDB

-- ------------------------------------------------------

-- 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 */;


--

-- Table structure for table `Doctor`

--


DROP TABLE IF EXISTS `Doctor`;
```

```
/*!40101 SET @saved_cs_client     = @@character_set_client */;
 SET character_set_client = utf8mb4 ;
CREATE TABLE `Doctor` (
  `PersonId` int(11) DEFAULT NULL,
  `DepartmentId` int(11) DEFAULT NULL,
  `DoctorID` int(11) NOT NULL,
  `Qualification` varchar(45) NOT NULL,
  `Salary` varchar(45) DEFAULT NULL,
  `CabinNO` int(11) NOT NULL,
  `FloorNo` int(11) DEFAULT NULL,
  `VisitingTimimng` varchar(30) NOT NULL,
  PRIMARY KEY (`DoctorID`),
  KEY `PersonID_idx` (`PersonId`),
  KEY `DepartmentID_idx` (`DepartmentId`),
  CONSTRAINT `Doctor_DepartmentID` FOREIGN KEY (`DepartmentId`) REFERENCES
`department` (`departmentid`),
  CONSTRAINT `Doctor_PersonID` FOREIGN KEY (`PersonId`) REFERENCES `person` (`personid`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
/*!40101 SET character_set_client = @saved_cs_client */;


--
-- Dumping data for table `Doctor`
--
```

```
LOCK TABLES `Doctor` WRITE;

/*!40000 ALTER TABLE `Doctor` DISABLE KEYS */;

INSERT INTO `Doctor` VALUES (1,101,1,'MD in cardiology','200000',11,1,'10:00 am - 4:00 pm'),(5,103,2,'MD in Matrnity','60000',33,3,'1:00 pm - 3:00 pm'),(4,102,3,'MD in Gynaelcology','51000',32,2,'12:00 pm - 6:00pm'),(9,105,4,'Neurology','40000',44,4,'10:00am-1:00pm'),(2,101,5,'Master in cardology','15000',12,1,'10:00 am - 4:00 pm'),(7,104,6,'MD in A&E','60000',21,2,'9:00 am - 12:00 pm'),(3,102,8,'Bachelor in  Gynaelcology','10000',31,2,'1:00 pm - 5:00pm'),(11,106,9,'Nurtitional and Diettics','20000',11,1,'9:00 am - 12:00 pm'),(8,104,10,'Bachelor in A&E','45000',22,2,'12:00 pm - 12:00 am'),(10,105,11,'Neurology','30000',45,4,'9:00 am - 1:00 pm'),(12,106,12,'Nutritional and Diettics','23000',10,1,'9:00 am - 12:00 pm');

/*!40000 ALTER TABLE `Doctor` ENABLE KEYS */;

UNLOCK TABLES;

/*!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 */;

CREATE DATABASE  IF NOT EXISTS `HMDB` /*!40100 DEFAULT CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci */;

USE `HMDB`;
```

```
-- MySQL dump 10.13  Distrib 8.0.12, for macos10.13 (x86_64)

--

-- Host: 127.0.0.1    Database: HMDB

-- ------------------------------------------------------

-- 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 */;


--

-- Table structure for table `LabStaff`

--
```

```
DROP TABLE IF EXISTS `LabStaff`;

/*!40101 SET @saved_cs_client     = @@character_set_client */;

 SET character_set_client = utf8mb4 ;

CREATE TABLE `LabStaff` (

  `LabStaffID` int(11) NOT NULL,

  `PersonID` int(11) DEFAULT NULL,

  `Qualification` varchar(45) DEFAULT NULL,

  `Salary` varchar(45) DEFAULT NULL,

  `TestTimming` varchar(20) DEFAULT NULL,

  PRIMARY KEY (`LabStaffID`),

  KEY `LabStaff_idx` (`PersonID`),

  CONSTRAINT `LabStaff` FOREIGN KEY (`PersonID`) REFERENCES `person` (`personid`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;

/*!40101 SET character_set_client = @saved_cs_client */;



--

-- Dumping data for table `LabStaff`

--



LOCK TABLES `LabStaff` WRITE;

/*!40000 ALTER TABLE `LabStaff` DISABLE KEYS */;

INSERT INTO `LabStaff` VALUES (1,20,'Associate Degree','12000','8:30 am - 1:00
am'),(2,21,'Associative Degree','10000','9:00 am - 1:00 am'),(3,22,'Bachelor
```

Degree','20000','9:00 am - 12:00 am'),(4,23,'Associative Degree','15000','12:00pm-4:00pm'),(5,24,'Associative Degree','10000',NULL);

/*!40000 ALTER TABLE `LabStaff` ENABLE KEYS */;

UNLOCK TABLES;

/*!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 */;

CREATE DATABASE IF NOT EXISTS `HMDB` /*!40100 DEFAULT CHARACTER SET utf8mb4 COLLATE utf8mb4_0900_ai_ci */;

USE `HMDB`;

-- MySQL dump 10.13 Distrib 8.0.12, for macos10.13 (x86_64)

--

-- Host: 127.0.0.1   Database: HMDB

-- --

-- 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 */;



--

-- Table structure for table `Patient`

--



DROP TABLE IF EXISTS `Patient`;

/*!40101 SET @saved_cs_client     = @@character_set_client */;

 SET character_set_client = utf8mb4 ;

CREATE TABLE `Patient` (

  `Personid` int(11) DEFAULT NULL,

  `PatientID` int(11) NOT NULL,

  PRIMARY KEY (`PatientID`),
```

```
  UNIQUE KEY `Personid_UNIQUE` (`Personid`),
  KEY `PersonID_idx` (`Personid`),
  CONSTRAINT `Patience_PersonID` FOREIGN KEY (`Personid`) REFERENCES `person` (`personid`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `Patient`
--

LOCK TABLES `Patient` WRITE;
/*!40000 ALTER TABLE `Patient` DISABLE KEYS */;
INSERT INTO `Patient` VALUES (13,1),(14,2),(15,3),(16,4),(17,5),(18,6),(19,7);
/*!40000 ALTER TABLE `Patient` ENABLE KEYS */;
UNLOCK TABLES;
/*!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 2018-12-13 11:55:06

-- Dump completed on 2018-12-13 11:55:07

-- Dump completed on 2018-12-13 11:55:07


-- Dump completed on 2018-12-13 11:55:07

CREATE DATABASE  IF NOT EXISTS `HMDB` /*!40100 DEFAULT CHARACTER SET utf8mb4
COLLATE utf8mb4_0900_ai_ci */;

USE `HMDB`;

-- MySQL dump 10.13  Distrib 8.0.12, for macos10.13 (x86_64)

--

-- Host: 127.0.0.1    Database: HMDB

-- ------------------------------------------------------

-- 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 `patientbill`

--


DROP TABLE IF EXISTS `patientbill`;

/*!50001 DROP VIEW IF EXISTS `patientbill`*/;

SET @saved_cs_client     = @@character_set_client;

SET character_set_client = utf8mb4;

/*!50001 CREATE VIEW `patientbill` AS SELECT

 1 AS `billid`,

 1 AS `date`,

 1 AS `HOSPITALNAME`,

 1 AS `NAMEOFREPORT`,

 1 AS `result`,

 1 AS `itemname`,

 1 AS `cost`,
```

```
 1 AS `quantity`*/;

SET character_set_client = @saved_cs_client;



--

-- Final view structure for view `patientbill`

--



/*!50001 DROP VIEW IF EXISTS `patientbill`*/;

/*!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 `patientbill` AS select `bill`.`BillID` AS `billid`,`bill`.`Date` AS
`date`,`testreport`.`HospitalName` AS `HOSPITALNAME`,`testreport`.`NameofTest` AS
`NAMEOFREPORT`,`testreport`.`Result` AS `result`,`bill`.`ItemName` AS `itemname`,`bill`.`Cost`
AS `cost`,`bill`.`Quantity` AS `quantity` from (`bill` join `testreport` on((`bill`.`TestID` =
`testreport`.`TestReportID`))) */;

/*!50001 SET character_set_client     = @saved_cs_client */;

/*!50001 SET character_set_results    = @saved_cs_results */;

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

```
--

-- Dumping events for database 'HMDB'

--



--

-- Dumping routines for database 'HMDB'

--

/*!50003 DROP PROCEDURE IF EXISTS `authentication` */;

/*!50003 SET @saved_cs_client      = @@character_set_client */ ;

/*!50003 SET @saved_cs_results     = @@character_set_results */ ;

/*!50003 SET @saved_col_connection = @@collation_connection */ ;

/*!50003 SET character_set_client  = utf8mb4 */ ;

/*!50003 SET character_set_results = utf8mb4 */ ;

/*!50003 SET collation_connection  = utf8mb4_0900_ai_ci */ ;

/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;

/*!50003 SET sql_mode              =
'ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_ZERO_DATE,ERROR_F
OR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTITUTION' */ ;

DELIMITER ;;

CREATE DEFINER=`root`@`localhost` PROCEDURE `authentication`(in uname varchar(10), in
pass varchar(10) , out status int )

BEGIN

set @status = (select count(loginId) from login
```

```
where login.username = uname and login.password = pass);

select doctor.doctorid, person.first_name, person.last_name, person.emailaddress,
Person.phoneno , doctor.VisitingTimimng as timing  from doctor, person

where doctor.personid = person.personid;

END ;;

DELIMITER ;

/*!50003 SET sql_mode              = @saved_sql_mode */ ;

/*!50003 SET character_set_client  = @saved_cs_client */ ;

/*!50003 SET character_set_results = @saved_cs_results */ ;

/*!50003 SET collation_connection  = @saved_col_connection */ ;

/*!50003 DROP PROCEDURE IF EXISTS `create_user` */;

/*!50003 SET @saved_cs_client      = @@character_set_client */ ;

/*!50003 SET @saved_cs_results     = @@character_set_results */ ;

/*!50003 SET @saved_col_connection = @@collation_connection */ ;

/*!50003 SET character_set_client  = utf8mb4 */ ;

/*!50003 SET character_set_results = utf8mb4 */ ;

/*!50003 SET collation_connection  = utf8mb4_0900_ai_ci */ ;

/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;

/*!50003 SET sql_mode              =
'ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_ZERO_DATE,ERROR_F
OR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTITUTION' */ ;

DELIMITER ;;

CREATE DEFINER=`root`@`localhost` PROCEDURE `create_user`(IN user_nm CHAR(20), IN
user_ps CHAR(20))
```

```
BEGIN

  SET @host_name := 'localhost';

  SET @user_name := user_nm;

  SET @pass := user_ps;


  SET @db_nm:='Hospital Management';


SET @sql := CONCAT("CREATE USER ", QUOTE(@user_name), "@", QUOTE(@host_name), "
IDENTIFIED BY ", QUOTE(@pass));

PREPARE stmt FROM @sql;

EXECUTE stmt;

SET @GRANT_PERMISSIONS = CONCAT("GRANT ALL  ON ", @db_nm, ".* TO ",
QUOTE(@user_name), "@",QUOTE(@host_name));

PREPARE statement FROM @GRANT_PERMISSIONS;

EXECUTE statement;


END ;;

DELIMITER ;

/*!50003 SET sql_mode              = @saved_sql_mode */ ;

/*!50003 SET character_set_client  = @saved_cs_client */ ;

/*!50003 SET character_set_results = @saved_cs_results */ ;

/*!50003 SET collation_connection  = @saved_col_connection */ ;

/*!50003 DROP PROCEDURE IF EXISTS `INNERJOIN` */;
```

```
/*!50003 SET @saved_cs_client      = @@character_set_client */ ;

/*!50003 SET @saved_cs_results     = @@character_set_results */ ;

/*!50003 SET @saved_col_connection = @@collation_connection */ ;

/*!50003 SET character_set_client  = utf8mb4 */ ;

/*!50003 SET character_set_results = utf8mb4 */ ;

/*!50003 SET collation_connection  = utf8mb4_0900_ai_ci */ ;

/*!50003 SET @saved_sql_mode       = @@sql_mode */ ;

/*!50003 SET sql_mode              =
'ONLY_FULL_GROUP_BY,STRICT_TRANS_TABLES,NO_ZERO_IN_DATE,NO_ZERO_DATE,ERROR_F
OR_DIVISION_BY_ZERO,NO_ENGINE_SUBSTITUTION' */ ;

DELIMITER ;;

CREATE DEFINER=`root`@`localhost` PROCEDURE `INNERJOIN`()

BEGIN


SELECT * from Person

Inner Join Doctor

ON Person.PersonId = Doctor.PersonId;

END ;;

DELIMITER ;

/*!50003 SET sql_mode              = @saved_sql_mode */ ;

/*!50003 SET character_set_client  = @saved_cs_client */ ;

/*!50003 SET character_set_results = @saved_cs_results */ ;

/*!50003 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 2018-12-13 11:55:09
```