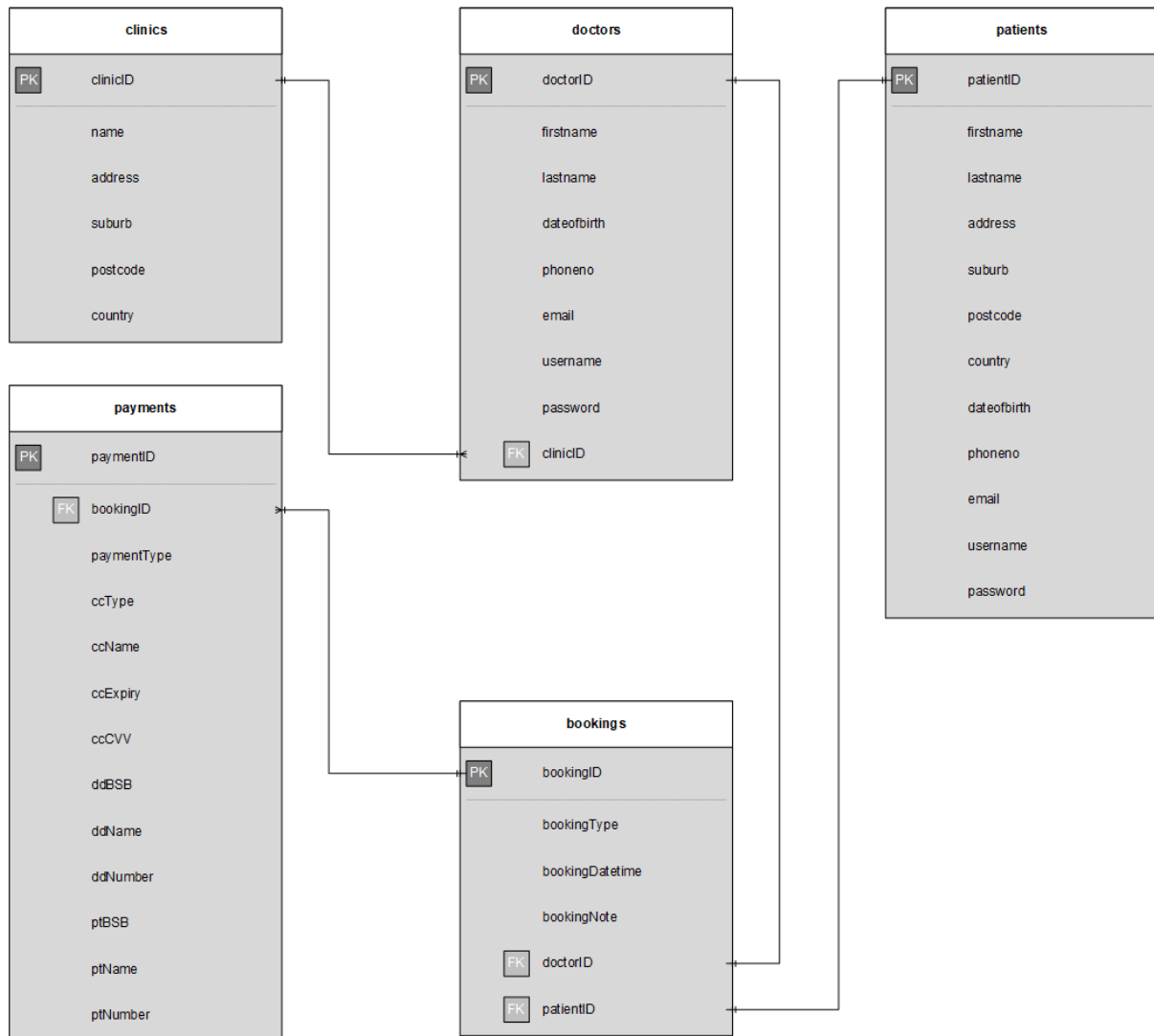


# SIT764 #HIVE DATABASE INSTRUCTION



SQL:

```
/*!40101 SET NAMES utf8 */;
```

```
/*!40101 SET SQL_MODE=""*/;
```

```
/*!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 */;
```

```
USE `hivedb`;
```

```
/*Table structure for table `bookings` */
```

```
DROP TABLE IF EXISTS `bookings`;
```

```
CREATE TABLE `bookings` (  
  `bookingID` int(20) NOT NULL AUTO_INCREMENT,  
  `bookingType` tinyint(1) DEFAULT NULL,  
  `bookingDatetime` varchar(12) DEFAULT NULL,  
  `bookingNote` varchar(200) DEFAULT NULL,  
  `patientID` int(15) DEFAULT NULL,  
  `doctorID` int(10) DEFAULT NULL,  
  PRIMARY KEY (`bookingID`),  
  KEY `patientID` (`patientID`),  
  KEY `doctorID` (`doctorID`),  
  CONSTRAINT `bookings_ibfk_1` FOREIGN KEY (`patientID`) REFERENCES `patients` (`patientID`),  
  CONSTRAINT `bookings_ibfk_2` FOREIGN KEY (`doctorID`) REFERENCES `doctors` (`doctorID`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
/*Table structure for table `clinics` */
```

```
DROP TABLE IF EXISTS `clinics`;
```

```
CREATE TABLE `clinics` (  
  `clinicID` int(6) NOT NULL AUTO_INCREMENT,  
  `name` varchar(50) DEFAULT NULL,  
  `address` varchar(100) DEFAULT NULL,
```

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```
`suburb` varchar(4) DEFAULT NULL,  
`postcode` varchar(6) DEFAULT NULL,  
`country` varchar(50) DEFAULT NULL,  
PRIMARY KEY (`clinicID`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

/\*Table structure for table `doctors` \*/

DROP TABLE IF EXISTS `doctors`;

```
CREATE TABLE `doctors` (  
  `doctorID` int(10) NOT NULL AUTO_INCREMENT,  
  `firstname` varchar(15) DEFAULT NULL,  
  `lastname` varchar(15) DEFAULT NULL,  
  `dateofbirth` tinyint(8) DEFAULT NULL,  
  `phoneno` tinyint(10) DEFAULT NULL,  
  `email` varchar(50) DEFAULT NULL,  
  `username` varchar(15) DEFAULT NULL,  
  `password` varchar(50) DEFAULT NULL,  
  `clinicID` int(6) DEFAULT NULL,  
  PRIMARY KEY (`doctorID`),  
  KEY `clinicID` (`clinicID`),  
  CONSTRAINT `doctors_ibfk_1` FOREIGN KEY (`clinicID`) REFERENCES `clinics` (`clinicID`)  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

/\*Table structure for table `patients` \*/

DROP TABLE IF EXISTS `patients`;

```
CREATE TABLE `patients` (  
  `patientID` int(15) NOT NULL AUTO_INCREMENT,  
  `firstname` varchar(15) DEFAULT NULL,  
  `lastname` varchar(15) DEFAULT NULL,  
  `address` varchar(100) DEFAULT NULL,  
  `suburb` varchar(4) DEFAULT NULL,  
  `postcode` tinyint(6) DEFAULT NULL,  
  `country` varchar(50) DEFAULT NULL,  
  `dateofbirth` tinyint(8) DEFAULT NULL,  
  `phoneno` tinyint(10) DEFAULT NULL,
```

```

`email` varchar(50) DEFAULT NULL,
`username` varchar(15) DEFAULT NULL,
`password` varchar(50) DEFAULT NULL,
PRIMARY KEY (`patientID`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

```

```

/*Table structure for table `payments` */

```

```

DROP TABLE IF EXISTS `payments`;

```

```

CREATE TABLE `payments` (
  `paymentID` int(10) NOT NULL AUTO_INCREMENT,
  `bookingID` int(20) DEFAULT NULL,
  `paymentType` tinyint(1) DEFAULT NULL,
  `ccType` tinyint(1) DEFAULT NULL,
  `ccName` varchar(50) DEFAULT NULL,
  `ccExpiry` tinyint(8) DEFAULT NULL,
  `ccCVV` tinyint(3) DEFAULT NULL,
  `ddBSB` tinyint(8) DEFAULT NULL,
  `ddName` varchar(50) DEFAULT NULL,
  `ddNumber` tinyint(12) DEFAULT NULL,
  `ptBSB` tinyint(8) DEFAULT NULL,
  `ptName` varchar(50) DEFAULT NULL,
  `ptNumber` tinyint(12) DEFAULT NULL,
  PRIMARY KEY (`paymentID`),
  KEY `bookingID` (`bookingID`),
  CONSTRAINT `payments_ibfk_1` FOREIGN KEY (`bookingID`) REFERENCES `bookings` (`bookingID`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

```

```

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;

```

```

/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;

```

```

/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;

```

```

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

```