MySQL Database Schema

city
- cityId INT(10)
- city VARCHAR(50)
- countryId INT(10)
- createDate DATETIME
- createdBy VARCHAR(40)
- lastUpdate TIMESTAMP
- lastUpdateBy VARCHAR(40)

country
- countryId INT(10)
- country VARCHAR(50)
- createDate DATETIME
- createdBy VARCHAR(40)
- lastUpdate TIMESTAMP
- lastUpdateBy VARCHAR(40)

address
- addressId INT(10)
- address VARCHAR(50)
- address2 VARCHAR(50)
- cityId INT(10)
- postalCode VARCHAR(10)
- phone VARCHAR(20)
- createDate DATETIME
- createdBy VARCHAR(40)
- lastUpdate TIMESTAMP
- lastUpdateBy VARCHAR(40)

customer
- customerId INT(10)
- customerName VARCHAR(45)
- addressId INT(10)
- active TINYINT(1)
- createDate DATETIME
- createdBy VARCHAR(40)
- lastUpdate TIMESTAMP
- lastUpdateBy VARCHAR(40)

appointment
- appointmentId INT(10)
- customerId INT(10)
- userId INT
- title VARCHAR(255)
- description TEXT
- location TEXT
- contact TEXT
- type TEXT
- url VARCHAR(255)
- start DATETIME
- end DATETIME
- createDate DATETIME
- createdBy VARCHAR(40)
- lastUpdate TIMESTAMP
- lastUpdateBy VARCHAR(40)

user
- userId INT
- userName VARCHAR(50)
- password VARCHAR(50)
- active TINYINT
- createDate DATETIME
- createdBy VARCHAR(40)
- lastUpdate TIMESTAMP
- lastUpdateBy VARCHAR(40)
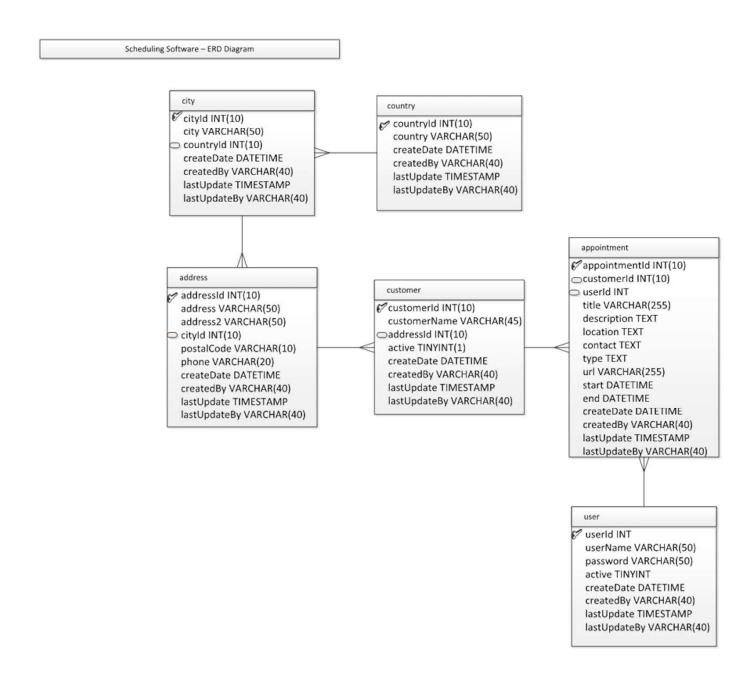
Database Schema Dump

```
--
-- Table structure for table `address`
--

CREATE TABLE IF NOT EXISTS `address` (
  `addressId` int(10) NOT NULL AUTO_INCREMENT,
  `address` varchar(50) NOT NULL,
  `address2` varchar(50) NOT NULL,
  `cityId` int(10) NOT NULL,
  `postalCode` varchar(10) NOT NULL,
  `phone` varchar(20) NOT NULL,
  `createDate` datetime NOT NULL,
  `createdBy` varchar(40) NOT NULL,
  `lastUpdate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,
  `lastUpdateBy` varchar(40) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;


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


--
-- Table structure for table `appointment`
--

CREATE TABLE IF NOT EXISTS `appointment` (
  `appointmentId` int(10) NOT NULL AUTO_INCREMENT,
  `customerId` int(10) NOT NULL,
  `userId` int(11) NOT NULL,
  `title` varchar(255) NOT NULL,
  `description` text NOT NULL,
  `location` text NOT NULL,
  `contact` text NOT NULL,
  `type` text NOT NULL,
  `url` varchar(255) NOT NULL,
  `start` datetime NOT NULL,
  `end` datetime NOT NULL,
  `createDate` datetime NOT NULL,
  `createdBy` varchar(40) NOT NULL,
  `lastUpdate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,
  `lastUpdateBy` varchar(40) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;


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


--
```

```
-- Table structure for table `city`
--

CREATE TABLE IF NOT EXISTS `city` (
  `cityId` int(10) NOT NULL AUTO_INCREMENT,
  `city` varchar(50) NOT NULL,
  `countryId` int(10) NOT NULL,
  `createDate` datetime NOT NULL,
  `createdBy` varchar(40) NOT NULL,
  `lastUpdate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,
  `lastUpdateBy` varchar(40) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;


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

--
-- Table structure for table `country`
--

CREATE TABLE IF NOT EXISTS `country` (
  `countryId` int(10) NOT NULL AUTO_INCREMENT,
  `country` varchar(50) NOT NULL,
  `createDate` datetime NOT NULL,
  `createdBy` varchar(40) NOT NULL,
  `lastUpdate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,
  `lastUpdateBy` varchar(40) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;


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

--
-- Table structure for table `customer`
--

CREATE TABLE IF NOT EXISTS `customer` (
  `customerId` int(10) NOT NULL AUTO_INCREMENT,
  `customerName` varchar(45) NOT NULL,
  `addressId` int(10) NOT NULL,
  `active` tinyint(1) NOT NULL,
  `createDate` datetime NOT NULL,
  `createdBy` varchar(40) NOT NULL,
  `lastUpdate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,
  `lastUpdateBy` varchar(40) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;


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

--
-- Table structure for table `user`
--
```

```
CREATE TABLE IF NOT EXISTS `user` (
  `userId` int(11) NOT NULL AUTO_INCREMENT,
  `userName` varchar(50) NOT NULL,
  `password` varchar(50) NOT NULL,
  `active` tinyint(4) NOT NULL,
  `createDate` datetime NOT NULL,
  `createdBy` varchar(40) NOT NULL,
  `lastUpdate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIMESTAMP,
  `lastUpdateBy` varchar(40) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Indexes for dumped tables
--


--
-- Indexes for table `address`
--
ALTER TABLE `address`
  ADD PRIMARY KEY (`addressId`), ADD KEY `cityId` (`cityId`);

--
-- Indexes for table `appointment`
--
ALTER TABLE `appointment`
  ADD PRIMARY KEY (`appointmentId`), ADD KEY `customerId` (`customerId`), ADD KEY `userId`
(`userId`);

--
-- Indexes for table `city`
--
ALTER TABLE `city`
  ADD PRIMARY KEY (`cityId`), ADD KEY `countryId` (`countryId`);

--
-- Indexes for table `country`
--
ALTER TABLE `country`
  ADD PRIMARY KEY (`countryId`);

--
-- Indexes for table `customer`
--
ALTER TABLE `customer`
  ADD PRIMARY KEY (`customerId`), ADD KEY `addressId` (`addressId`);

--
-- Indexes for table `user`
--
```

```sql
ALTER TABLE `user`
  ADD PRIMARY KEY (`userId`);


--
-- Constraints for dumped tables
--


--
-- Constraints for table `address`
--
ALTER TABLE `address`
ADD CONSTRAINT `address_ibfk_1` FOREIGN KEY (`cityId`) REFERENCES `city` (`cityId`);


--
-- Constraints for table `appointment`
--
ALTER TABLE `appointment`
ADD CONSTRAINT `appointment_ibfk_1` FOREIGN KEY (`customerId`) REFERENCES `customer`
(`customerId`),
ADD CONSTRAINT `appointment_ibfk_2` FOREIGN KEY (`userId`) REFERENCES `user` (`userId`);


--
-- Constraints for table `city`
--
ALTER TABLE `city`
ADD CONSTRAINT `city_ibfk_1` FOREIGN KEY (`countryId`) REFERENCES `country` (`countryId`);


--
-- Constraints for table `customer`
--
ALTER TABLE `customer`
ADD CONSTRAINT `customer_ibfk_1` FOREIGN KEY (`addressId`) REFERENCES `address` (`addressId`);
```