```
CREATE TABLE `nodered`.`owners` (
  `ownerid`  INT NOT NULL AUTO_INCREMENT,
  `ofname` VARCHAR(45) NOT NULL,
  `olname` VARCHAR(45) NOT NULL,
  `owneremail` VARCHAR(45) NOT NULL,
  `password` VARCHAR(45) NOT NULL,
  PRIMARY KEY (`ownerid`),
  UNIQUE INDEX `ownerid_UNIQUE` (`ownerid` ASC));

CREATE TABLE `nodered`.`properties` (
  `propertyid`  INT NOT NULL AUTO_INCREMENT,
  `streetaddress`  VARCHAR(45) NOT NULL,
  `city` VARCHAR(45) NOT NULL,
  `state` VARCHAR(45) NOT NULL,
  `zip` VARCHAR(45) NOT NULL,
  `aptname` VARCHAR(45) NOT NULL,
  `ownerid`  INT NOT NULL,
  PRIMARY KEY (`propertyid`),
  UNIQUE INDEX `propertyid_UNIQUE` (`propertyid` ASC),
  INDEX `ownerid_idx` (`ownerid` ASC),
  CONSTRAINT `ownerid`
    FOREIGN KEY (`ownerid`)
    REFERENCES `nodered`.`owners` (`ownerid`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION);

CREATE TABLE `nodered`.`rooms` (
  `roomid`  INT NOT NULL AUTO_INCREMENT,
  `rtype` VARCHAR(45) NOT NULL,
  `rname` VARCHAR(45) NOT NULL,
  `propertyid`  INT NOT NULL,
  PRIMARY KEY (`roomid`),
  UNIQUE INDEX `roomid_UNIQUE` (`roomid` ASC),
  INDEX `propertyid_idx` (`propertyid` ASC),
  CONSTRAINT `propertyid`
    FOREIGN KEY (`propertyid`)
    REFERENCES `nodered`.`properties` (`propertyid`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION);

CREATE TABLE `nodered`.`tenants` (
  `tenantid`  INT NOT NULL AUTO_INCREMENT,
  `tfname` VARCHAR(45) NOT NULL,
  `tlname` VARCHAR(45) NOT NULL,
  `tenantemail` VARCHAR(45) NOT NULL,
  `roomid`  INT NOT NULL,
  PRIMARY KEY (`tenantid`),
  UNIQUE INDEX `tenantid_UNIQUE` (`tenantid` ASC),
  INDEX `roomid_idx` (`roomid` ASC),
  CONSTRAINT `roomid`
    FOREIGN KEY (`roomid`)
    REFERENCES `nodered`.`rooms` (`roomid`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION);

CREATE TABLE `nodered`.`assets` (
  `assetid`  INT NOT NULL AUTO_INCREMENT,
  `atype` VARCHAR(45) NULL,
  `assetlocation`  INT NULL,
  PRIMARY KEY (`assetid`),
  UNIQUE INDEX `assetid_UNIQUE` (`assetid` ASC),
  INDEX `assetlocation_idx` (`assetlocation` ASC),
  CONSTRAINT `assetlocation`
    FOREIGN KEY (`assetlocation`)
    REFERENCES `nodered`.`rooms` (`roomid`)
    ON DELETE NO ACTION
    ON UPDATE NO ACTION);
```