CREATE TABLE `userDetails` (

`firstName` varchar(35) DEFAULT NULL,

`lastName` varchar(35) DEFAULT NULL,

`email` varchar(35) DEFAULT NULL,

`password` varchar(35) DEFAULT NULL,

`address` varchar(35) DEFAULT NULL,

`zipCode` varchar(35) DEFAULT NULL,

`city` varchar(25) DEFAULT NULL,

`state` varchar(25) DEFAULT NULL,

`accountDetails` varchar(25) DEFAULT NULL,

`ssn` varchar(11) NOT NULL,

`time` varchar(35) Not null,

PRIMARY KEY (`ssn`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `review` (

`userId` varchar(11) NOT NULL,

`productId` int(11) DEFAULT NULL,

`rating` int(11) DEFAULT NULL,

`description` varchar(90) DEFAULT NULL,

PRIMARY KEY (`userId`),

CONSTRAINT `review\_ibfk\_1` FOREIGN KEY (`userId`) REFERENCES `userDetails` (`ssn`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `product` (

`productId` mediumint(6) NOT NULL AUTO\_INCREMENT,

`productType` varchar(25) DEFAULT NULL,

`category` varchar(11) DEFAULT NULL,

`quantity` int(11) DEFAULT NULL,

`brand` varchar(25) DEFAULT NULL,

`imageName` varchar(25) DEFAULT NULL,

`state` varchar(25) DEFAULT NULL,

`model` varchar(35) DEFAULT NULL,

`description` varchar(45) DEFAULT NULL,

PRIMARY KEY (`productId`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `Seller` (

`sellerId` varchar(11) NOT NULL DEFAULT '',

`productId` varchar(25) DEFAULT NULL,

`category` varchar(9) DEFAULT NULL,

PRIMARY KEY (`sellerId`),

KEY `productId` (`productId`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `forgotPassword` (

`ssn` varchar(11) DEFAULT NULL,

`securityQuestion` varchar(90) DEFAULT NULL,

`answer` varchar(35) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `Selling` (

`sellerId` varchar(11) NOT NULL,

`quantity` int(11) DEFAULT NULL,

`price` int(11) NOT NULL,

`productId` int(11) DEFAULT NULL,

`category` varchar(11) DEFAULT NULL,

`validity` int(11) DEFAULT NULL,

`buyerId` varchar(11) DEFAULT NULL,

PRIMARY KEY (`sellerId`),

CONSTRAINT `Selling\_ibfk\_1` FOREIGN KEY (`sellerId`) REFERENCES `Seller` (`sellerId`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `History` (

`userId` varchar(11) NOT NULL,

`itemsBought` varchar(250) DEFAULT NULL,

`itemsSold` varchar(250) DEFAULT NULL,

PRIMARY KEY (`userId`),

CONSTRAINT `History\_ibfk\_1` FOREIGN KEY (`userId`) REFERENCES `userDetails` (`ssn`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `Buyer` (

`buyerId` varchar(11) NOT NULL DEFAULT '',

`productId` mediumint(6) DEFAULT NULL,

`category` varchar(11) DEFAULT NULL,

PRIMARY KEY (`buyerId`),

KEY `productId` (`productId`),

CONSTRAINT `Buyer\_ibfk\_1` FOREIGN KEY (`buyerId`) REFERENCES `userDetails` (`ssn`),

CONSTRAINT `Buyer\_ibfk\_2` FOREIGN KEY (`productId`) REFERENCES `product` (`productId`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE `Payment` (

`paymentId` mediumint(6) NOT NULL AUTO\_INCREMENT,

`paymentMode` varchar(25) DEFAULT NULL,

`buyerId` varchar(11) DEFAULT NULL,

`sellerId` varchar(11) DEFAULT NULL,

`paymentAmount` int(11) DEFAULT NULL,

PRIMARY KEY (`paymentId`),

KEY `buyerId` (`buyerId`),

KEY `sellerId` (`sellerId`),

CONSTRAINT `Payment\_ibfk\_1` FOREIGN KEY (`buyerId`) REFERENCES `Buyer` (`buyerId`),

CONSTRAINT `Payment\_ibfk\_2` FOREIGN KEY (`sellerId`) REFERENCES `Seller` (`sellerId`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

ALTER TABLE product ADD COLUMN productName varchar(35);