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CSE 305 – Final Project SQL Script Report

CREATE TABLE `customer` (

`idcustomer` int(11) NOT NULL AUTO\_INCREMENT,

`firstname` varchar(45) NOT NULL,

`lastname` varchar(45) NOT NULL,

`username` varchar(45) NOT NULL,

`password` varchar(45) NOT NULL,

`address` varchar(45) NOT NULL,

`phonenumber` varchar(45) NOT NULL,

`email` varchar(45) NOT NULL,

PRIMARY KEY (`idcustomer`),

UNIQUE KEY `idcustomer\_UNIQUE` (`idcustomer`)

) ENGINE=InnoDB AUTO\_INCREMENT=6 DEFAULT CHARSET=utf8

CREATE TABLE `deliveryinfo` (

`transactionid` int(11) NOT NULL,

`deliveryservice` varchar(45) NOT NULL,

`shipmenttype` varchar(45) NOT NULL,

`deliveryaddress` varchar(45) NOT NULL,

`shipmentcharge` int(11) NOT NULL,

PRIMARY KEY (`transactionid`),

UNIQUE KEY `transactionid\_UNIQUE` (`transactionid`),

CONSTRAINT `delivarytransaction` FOREIGN KEY (`transactionid`) REFERENCES `transaction` (`idtransaction`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB DEFAULT CHARSET=utf8

CREATE TABLE `inventory` (

`itemid` int(11) NOT NULL,

`quantity` int(11) NOT NULL DEFAULT '1',

`sellerid` int(11) NOT NULL,

PRIMARY KEY (`itemid`,`sellerid`),

UNIQUE KEY `itemid\_UNIQUE` (`itemid`),

CONSTRAINT `inventoryitem` FOREIGN KEY (`itemid`) REFERENCES `item` (`iditem`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8

CREATE TABLE `item` (

`iditem` int(11) NOT NULL AUTO\_INCREMENT,

`sellerid` int(11) NOT NULL,

`itemname` varchar(45) NOT NULL,

`price` int(11) NOT NULL,

`itemtype` varchar(45) NOT NULL,

PRIMARY KEY (`iditem`),

UNIQUE KEY `iditem\_UNIQUE` (`iditem`),

KEY `sellerid\_idx` (`sellerid`),

CONSTRAINT `itemseller` FOREIGN KEY (`sellerid`) REFERENCES `seller` (`idseller`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB AUTO\_INCREMENT=11 DEFAULT CHARSET=utf8

CREATE TABLE `payment` (

`transactionid` int(11) NOT NULL,

`paymenttype` varchar(45) NOT NULL,

`cardname` varchar(45) DEFAULT NULL,

`cardnumber` varchar(45) DEFAULT NULL,

`cardexpdate` varchar(45) DEFAULT NULL,

`paypalemail` varchar(100) DEFAULT NULL,

`ecrouting` varchar(45) DEFAULT NULL,

`ecaccount` varchar(45) DEFAULT NULL,

PRIMARY KEY (`transactionid`),

UNIQUE KEY `transactionid\_UNIQUE` (`transactionid`),

CONSTRAINT `payment` FOREIGN KEY (`transactionid`) REFERENCES `transaction` (`idtransaction`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8

CREATE TABLE `seller` (

`idseller` int(11) NOT NULL AUTO\_INCREMENT,

`brandname` varchar(45) NOT NULL,

PRIMARY KEY (`idseller`),

UNIQUE KEY `idseller\_UNIQUE` (`idseller`)

) ENGINE=InnoDB AUTO\_INCREMENT=5 DEFAULT CHARSET=utf8

CREATE TABLE `review` (

`itemid` int(11) NOT NULL,

`customerid` int(11) NOT NULL,

`rating` int(11) NOT NULL,

`detailedreview` varchar(2222) DEFAULT NULL,

KEY `reviewcustomer\_idx` (`customerid`),

KEY `reviewitem\_idx` (`itemid`),

CONSTRAINT `reviewcustomer` FOREIGN KEY (`customerid`) REFERENCES `customer` (`idcustomer`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `reviewitem` FOREIGN KEY (`itemid`) REFERENCES `item` (`iditem`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8

CREATE TABLE `shoppingcart` (

`customerid` int(11) NOT NULL,

`itemid` int(11) NOT NULL,

`itemprice` int(11) NOT NULL,

`itemquantity` int(11) NOT NULL,

PRIMARY KEY (`itemid`,`customerid`),

KEY `shoppingcartcustomer\_idx` (`customerid`),

CONSTRAINT `shoppingcartcustomer` FOREIGN KEY (`customerid`) REFERENCES `customer` (`idcustomer`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `shoppingcartitem` FOREIGN KEY (`itemid`) REFERENCES `item` (`iditem`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8

CREATE TABLE `transaction` (

`idtransaction` int(11) NOT NULL AUTO\_INCREMENT,

`customerid` int(11) NOT NULL,

`date` datetime NOT NULL,

PRIMARY KEY (`idtransaction`),

UNIQUE KEY `idtransaction\_UNIQUE` (`idtransaction`),

KEY `transactioncustomer\_idx` (`customerid`),

CONSTRAINT `transactioncustomer` FOREIGN KEY (`customerid`) REFERENCES `customer` (`idcustomer`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB AUTO\_INCREMENT=12 DEFAULT CHARSET=utf8

CREATE TABLE `transactionitem` (

`transactionid` int(11) NOT NULL,

`itemid` int(11) NOT NULL,

`itemquantity` int(11) NOT NULL,

PRIMARY KEY (`itemid`,`transactionid`),

KEY `transactionitemtransactionid\_idx` (`transactionid`),

CONSTRAINT `titemitem` FOREIGN KEY (`itemid`) REFERENCES `item` (`iditem`) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT `titemtransaction` FOREIGN KEY (`transactionid`) REFERENCES `transaction` (`idtransaction`) ON DELETE CASCADE ON UPDATE CASCADE

) ENGINE=InnoDB DEFAULT CHARSET=utf8

\*\*\*You can just ignore id for any table since it is set to auto increment

To insert into customer table

INSERT INTO `kevramos`.`customer` (`idcustomer`, `firstname`, `lastname`, `username`, `password`, `address`, `phonenumber`, `email`) VALUES ('1', 'Kevin', 'Ramos', 'kramos', 'lol', '123 circle road, stony brook ny 11776', '123-456-7890', 'kramos@notrealemail.com');

INSERT INTO `kevramos`.`customer` (`idcustomer`, `firstname`, `lastname`, `username`, `password`, `address`, `phonenumber`, `email`) VALUES ('2', 'Stanley', 'Ren', 'sren', 'lol', '123 square road, stony brook ny 11776', '098-765-4321', 'sren@notrealemail.com');

INSERT INTO `kevramos`.`customer` (`idcustomer`, `firstname`, `lastname`, `username`, `password`, `address`, `phonenumber`, `email`) VALUES ('3', 'Jason', 'Lyan', 'jlyan', 'lol', '123 triangle road, stony brook ny 11776', '234-324-3245', 'jlyan@notrealemail.com');

To insert into seller

INSERT INTO `kevramos`.`seller` (`idseller`, `brandname`) VALUES ('1', 'Hasbro');

INSERT INTO `kevramos`.`seller` (`brandname`) VALUES ('Asus');

INSERT INTO `kevramos`.`seller` (`brandname`) VALUES ('Nike');

INSERT INTO `kevramos`.`seller` (`brandname`) VALUES ('Colgate');

To insert into item

INSERT INTO `kevramos`.`item` (`iditem`, `sellerid`, `itemname`, `price`, `itemtype`) VALUES ('1', '1', 'Monopoly', '2000', 'Toy');

INSERT INTO `kevramos`.`item` (`sellerid`, `itemname`, `price`, `itemtype`) VALUES ('2', 'ROG Swift PG278QR 27 144 hz 1440p', '50000', 'Elecontric');

INSERT INTO `kevramos`.`item` (`sellerid`, `itemname`, `price`, `itemtype`) VALUES ('3', 'Nike Socks', '1999', 'Clothing');

INSERT INTO `kevramos`.`item` (`sellerid`, `itemname`, `price`, `itemtype`) VALUES ('1', 'Sorry!', '1500', 'Toy');

INSERT INTO `kevramos`.`item` (`sellerid`, `itemname`, `price`, `itemtype`) VALUES ('4', 'Colgate Toothpaste', '500', 'Self Care');

INSERT INTO `kevramos`.`item` (`sellerid`, `itemname`, `price`, `itemtype`) VALUES ('2', 'rtx 2070 gaming laptop', '100000', 'Electronic');

To insert into inventory

INSERT INTO `kevramos`.`inventory` (`itemid`, `quantity`, `sellerid`) VALUES ('1', '60', '1');

INSERT INTO `kevramos`.`inventory` (`itemid`, `quantity`, `sellerid`) VALUES ('6', '30', '2');

INSERT INTO `kevramos`.`inventory` (`itemid`, `quantity`, `sellerid`) VALUES ('7', '2000', '3');

INSERT INTO `kevramos`.`inventory` (`itemid`, `quantity`, `sellerid`) VALUES ('8', '400', '1');

INSERT INTO `kevramos`.`inventory` (`itemid`, `quantity`, `sellerid`) VALUES ('9', '4000', '4');

INSERT INTO `kevramos`.`inventory` (`itemid`, `quantity`, `sellerid`) VALUES ('10', '30', '2');

To insert into review table

INSERT INTO `kevramos`.`review` (`itemid`, `customerid`, `rating`, `detailedreview`) VALUES ('1', '1', '4', 'wow this game of monopoly sure teaches me the problems of a capitalistic society');

INSERT INTO `kevramos`.`review` (`itemid`, `customerid`, `rating`, `detailedreview`) VALUES ('6', '3', '1', 'the screen sucks I keep seeing black squares this product sucks im returning it');

INSERT INTO `kevramos`.`review` (`itemid`, `customerid`, `rating`, `detailedreview`) VALUES ('10', '2', '3', 'I sure enjoyed spending my money on a gaming laptop rather than buying a pc build');

INSERT INTO `kevramos`.`review` (`itemid`, `customerid`, `rating`, `detailedreview`) VALUES ('9', '1', '5', 'my teeth are clean ');

INSERT INTO `kevramos`.`review` (`itemid`, `customerid`, `rating`, `detailedreview`) VALUES ('8', '1', '1', 'I bought this but it didn\'t come with people I can play with');

INSERT INTO `kevramos`.`review` (`itemid`, `customerid`, `rating`, `detailedreview`) VALUES ('7', '2', '4', 'These socks kept my shoes from touching my feet thanks');

To insert into transaction table

INSERT INTO `kevramos`.`transaction` (`customerid`, `date`) VALUES ('1', '2008-11-09 15:45:21');

INSERT INTO `kevramos`.`transaction` (`customerid`, `date`) VALUES ('2', '2004-11-03 15:45:21');

INSERT INTO `kevramos`.`transaction` (`customerid`, `date`) VALUES ('3', '2004-11-03 23:45:16');

To insert into payment table

INSERT INTO `kevramos`.`payment` (`transactionid`, `paymenttype`, `cardname`, `cardnumber`, `cardexpdate`) VALUES ('1', 'card', 'Kevin Ramos', '1234-5678-2345-6789', '02/2002');

INSERT INTO `kevramos`.`payment` (`transactionid`, `paymenttype`, `paypalemail`) VALUES ('2', 'paypal', 'stanleyren@notreal.com');

INSERT INTO `kevramos`.`payment` (`transactionid`, `paymenttype`, `ecrouting`, `ecaccount`) VALUES ('3', 'electroniccheck', '021000021', '1234213214');

To insert into deliveryinfo table

INSERT INTO `kevramos`.`deliveryinfo` (`transactionid`, `deliveryservice`, `shipmenttype`, `deilveryaddress`, `shipmentcharge`) VALUES ('1', 'Fedex', 'gold', '123 circle road, stony brook ny 11776', '0');

INSERT INTO `kevramos`.`deliveryinfo` (`transactionid`, `deliveryservice`, `shipmenttype`, `deilveryaddress`, `shipmentcharge`) VALUES ('2', 'USPS', 'bronze', '123 square road, stony brook ny 11776', '1233');

INSERT INTO `kevramos`.`deliveryinfo` (`transactionid`, `deliveryservice`, `shipmenttype`, `deilveryaddress`, `shipmentcharge`) VALUES ('3', 'UPS', 'silver', '123 triangle road, stony brook ny 11776', '599');

To insert into shoppingcart

INSERT INTO `kevramos`.`shoppingcart` (`customerid`, `itemid`, `itemprice`, `itemquantity`) VALUES ('1', '1', '2000', '1');

INSERT INTO `kevramos`.`shoppingcart` (`customerid `, `itemid`, `itemprice`, `itemquantity`) VALUES ('1', '6', '50000', '1');

INSERT INTO `kevramos`.`shoppingcart` (`customerid `, `itemid`, `itemprice`, `itemquantity`) VALUES ('1', '7', '1999', '2');