Term Project Deliverables

CSCE 4350

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# Part 1: Data Attributes

## Books

* BookID
* Title
* Authors
* Categories
* Publisher
* Publication Date
* ISBN
* Format
* Price
* isdeleted

## Customer

* CustomerID
* Email
* Password
* Name
* Shipping Address
* Credit Card
* isdeleted

## Seller

* SellerID
* Email
* Password
* Name
* Address
* Phone Number
* Items
* isdeleted

## Order

* OrderID
* CustomerID
* SellerID
* ShippingAddress
* Items
* Item Quantity
* Credit Card
* Cost
* Status

## Shopping Cart

* CustomerID
* Cost
* Items
* Item Quantity

## Administrator

* AdminID
* Name
* Username
* Password
* isSuperAdmin

# Part 3: Tables

CREATE TABLE IF NOT EXISTS `admin` (

`adminid` 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,

`issuper` tinyint(4) NOT NULL DEFAULT '0',

PRIMARY KEY (`adminid`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `author` (

`bookid` int(11) NOT NULL,

`author` varchar(45) NOT NULL,

PRIMARY KEY (`bookid`,`author`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `book` (

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

`title` varchar(45) NOT NULL,

`publisher` varchar(45) NOT NULL,

`publicationdate` date DEFAULT NULL,

`isbn` varchar(17) DEFAULT NULL,

`isdeleted` tinyint(4) NOT NULL DEFAULT '0',

PRIMARY KEY (`bookid`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO\_INCREMENT=1 ;

CREATE TABLE IF NOT EXISTS `bookformat` (

`bookid` int(11) NOT NULL,

`format` varchar(20) NOT NULL,

`price` int(5) NOT NULL,

PRIMARY KEY (`bookid`,`format`,`price`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `category` (

`bookid` int(11) NOT NULL,

`category` int(5) NOT NULL,

PRIMARY KEY (`bookid`,`category`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `customer` (

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

`name` varchar(45) NOT NULL,

`emailaddress` varchar(60) NOT NULL,

`password` varchar(45) NOT NULL,

`address` varchar(45) DEFAULT NULL,

`city` varchar(45) DEFAULT NULL,

`state` varchar(45) DEFAULT NULL,

`zip` varchar(7) DEFAULT NULL,

`creditcard` varchar(20) DEFAULT NULL,

`isdeleted` tinyint(4) NOT NULL DEFAULT '0',

PRIMARY KEY (`customerid`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO\_INCREMENT=1 ;

CREATE TABLE IF NOT EXISTS `orderitems` (

`orderid` int(11) NOT NULL,

`bookid` int(11) NOT NULL,

`format` varchar(20) NOT NULL,

`quantity` int(5) NOT NULL,

`status` tinyint(4) NOT NULL DEFAULT '0',

PRIMARY KEY (`orderid`,`bookid`,`format`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

CREATE TABLE IF NOT EXISTS `orders` (

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

`customerid` int(11) NOT NULL,

`creditcard` int(20) DEFAULT NULL,

`address` varchar(45) DEFAULT NULL,

`city` varchar(45) DEFAULT NULL,

`state` varchar(45) DEFAULT NULL,

`zip` varchar(7) DEFAULT NULL,

`cost` int(7) DEFAULT NULL,

PRIMARY KEY (`orderid`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO\_INCREMENT=1 ;

CREATE TABLE IF NOT EXISTS `seller` (

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

`name` varchar(45) NOT NULL,

`emailaddress` varchar(60) NOT NULL,

`password` varchar(45) NOT NULL,

`phonenumber` varchar(12) NOT NULL,

`address` varchar(45) NOT NULL,

`city` varchar(45) NOT NULL,

`state` varchar(45) NOT NULL,

`zip` varchar(7) NOT NULL,

`isdeleted` tinyint(4) NOT NULL DEFAULT '0',

PRIMARY KEY (`sellerid`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO\_INCREMENT=1 ;

CREATE TABLE IF NOT EXISTS `selleritem` (

`sellerid` int(11) NOT NULL,

`bookid` int(11) NOT NULL,

PRIMARY KEY (`sellerid`,`bookid`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;