Southwind Ties
Design Documentation

Fellipe Cunha, Randall Wright, Richard Hay

Hierarchy Chart 3

Homepage 4

Regular Ties 5

Skinny Ties 6

Bow Ties 7

The Store 8

My Account 9

Registration 10

Account Info 11

Contact 12

Assignments 13

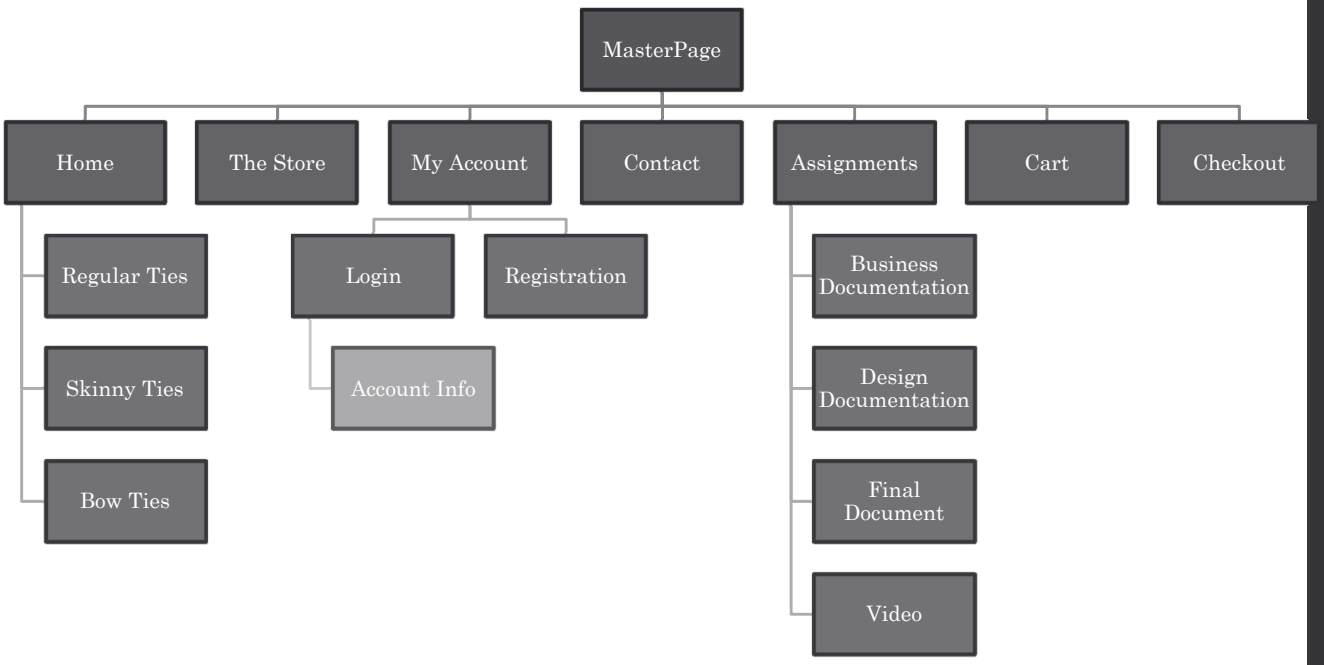
Cart 14

Checkout 15

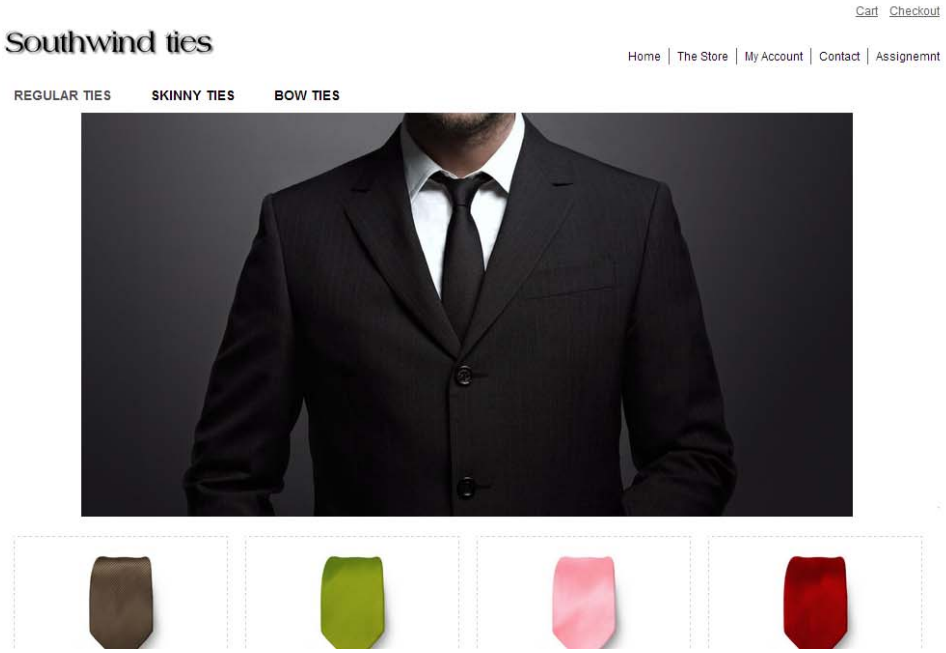
ERD – Entity Relationship Diagram 16

Data Definitions 17

Hierarchy Chart



Homepage



Purpose

The purpose of the home page is to attract the customer and make sure the main message of our purpose is noticed by the potential customer.

Design

The title of the e-commerce site will be at the very top. Right below it, the menu item will be horizontally across.

Data Collected

There will be no data to collect for this page.

Data Displayed

In this page we will have some of the most viewed ties by other users and most purchased ties from customers.

Regular Ties

Purpose

The purpose of this page is to showcase our regular ties.

Design

This page will display pictures of all our regular ties along with their descriptions and price.

If the customer is logged in they will be able to add the ties they would like to purchase to their shopping cart.

Data Collected

The regular ties selected in this page will be stored in our database for Checkout purposes

Data Displayed

Regular ties and prices of such will be displayed in this page

Skinny Ties

Purpose

The purpose of this page is to showcase our skinny ties.

Design

This page will display pictures of all our skinny ties along with their descriptions and price.

If the customer is logged in they will be able to add the ties they would like to purchase to their shopping cart.

Data Collected

The Skinny ties selected in this page will be stored in our database for Checkout purposes

Data Displayed

Skinny ties and prices of such will be displayed in this page

Bow Ties

Purpose

The purpose of this page is to showcase our bow ties.

Design

This page will display pictures of all our bow ties along with their descriptions and price.

If the customer is logged in they will be able to add the ties they would like to purchase to their shopping cart.

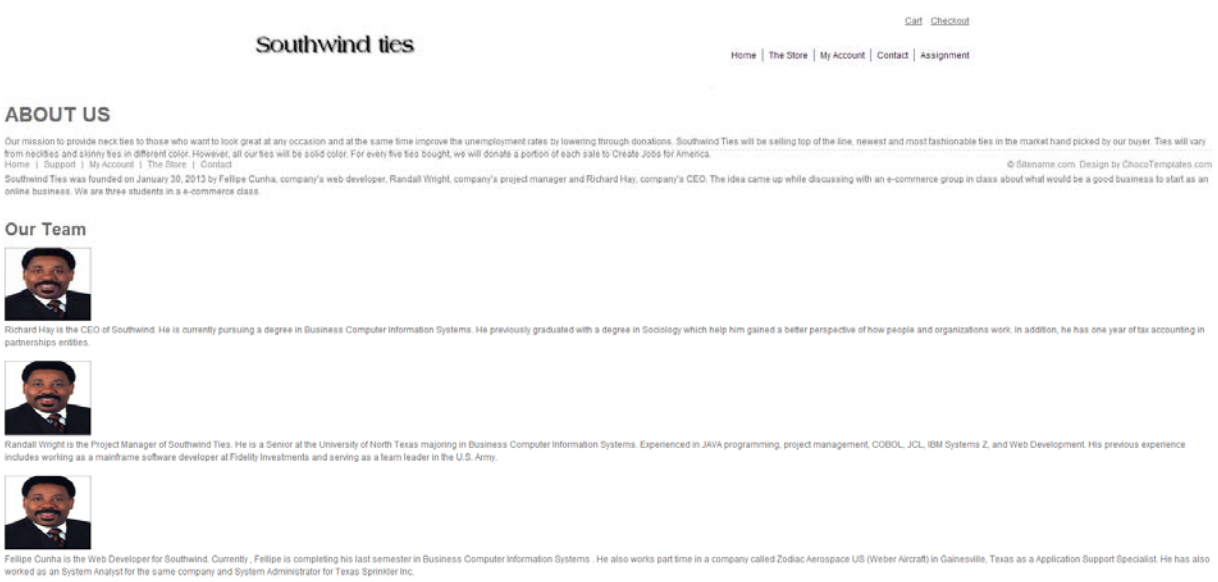
Data Collected

The Bow ties selected in this page will be stored in our database for Checkout purposes

Data Displayed

Bow ties and prices of such will be displayed in this page

The Store



Purpose

The main purpose of this page is to inform the customers about Southwind. This page will display our mission, history of the company, and team bios.

Design

Our mission statement will be written out in a paragraph. The second paragraph will be the history of our company.

Below that will be our pictures with our bios next to them.

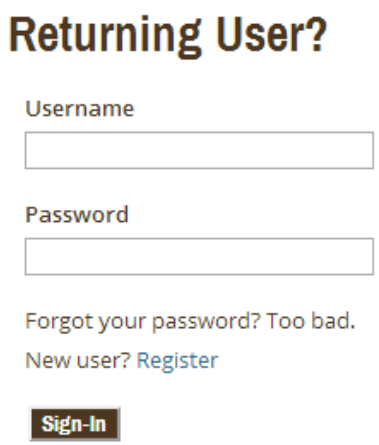
Data Collected

There will be no data to collect for this page.

Data Displayed

There will be no data to collect for this page.

My Account



Purpose

The purpose for this page is to have a returning customer log in or have a new user register. After signing in the user will be able to see their account info.

Design

This page will have text boxes for the user to input their login data and a button to submit. Directly underneath the login area will be a link to the registration screen.

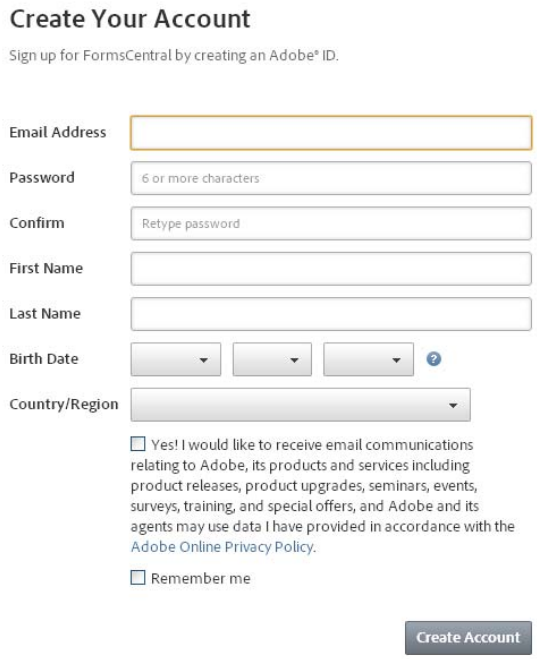
Data Collected

Users log in information.

Data Displayed

Display message when the user enters incorrect log in information.

Registration



Purpose

The purpose for this page is to allow the user to register to our website so that they can purchase items.

Design

This will be a form with textboxes for the user to input their information.

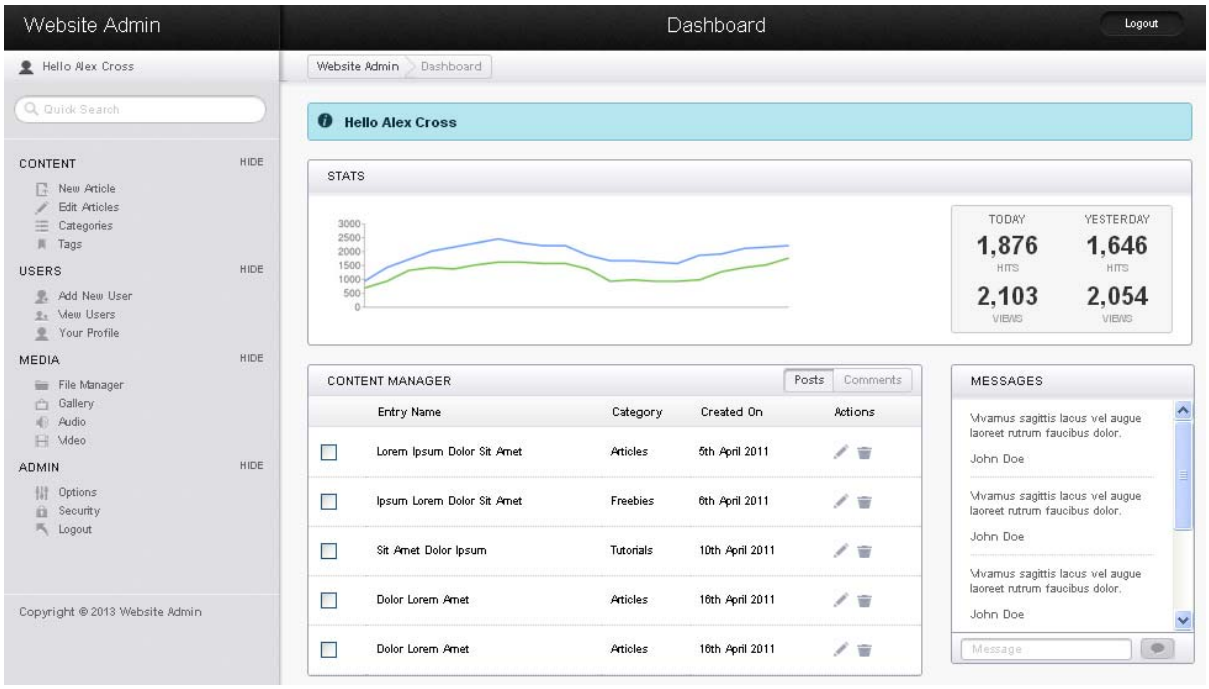
Data Collected

Users information consisting of First Name, Last Name, Address, Phone, e-mail, and password.

Data Displayed

If a field is empty or in the incorrect format an error message will be displayed.

Account Info



Purpose

This page is viewable by the user once they have been successfully logged in to the system. The page will allow the user to see all the information related to their account.

Design

The page will show the users registration information and allow them to update their information if it needs correcting. It will also show them statistics about their recent purchases and display messages we would like for them to see.

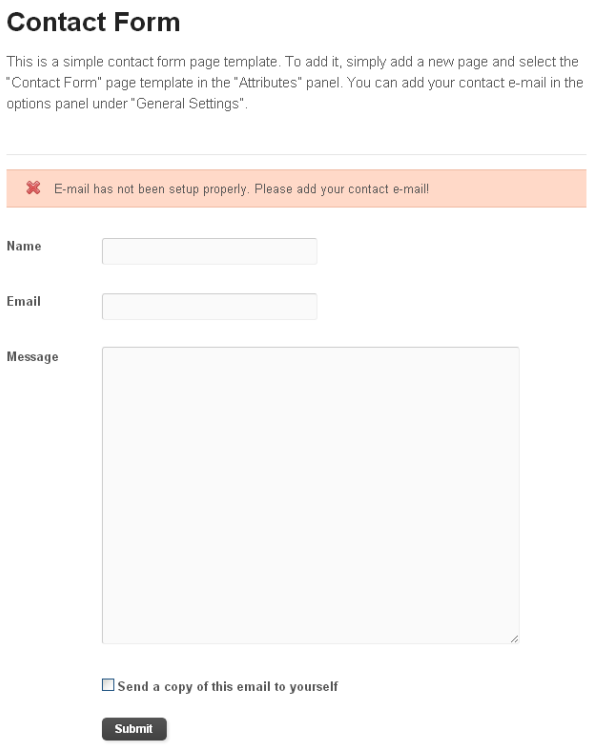
Data Collected

There will be no data to collect for this page.

Data Displayed

Account data will be displayed.

Contact



Purpose

This page will contain Southwind's contact information. This will allow the customer to contact us if they have any questions or problems.

Design

It will display the e-mail, address, and phone number of our company.

There will be a picture of ties next to this information.

Data Collected

Name, E-mail, Message from the customer will be retrieved

Data Displayed

Phone number, E-mail address will be Displayed

Assignments

Purpose

The purpose of this page is to allow our customers to see our business documentation. It will showcase all of our documents we have made in creating this business.

Design

The page will have a list of links to PDF files of all of our documentation.

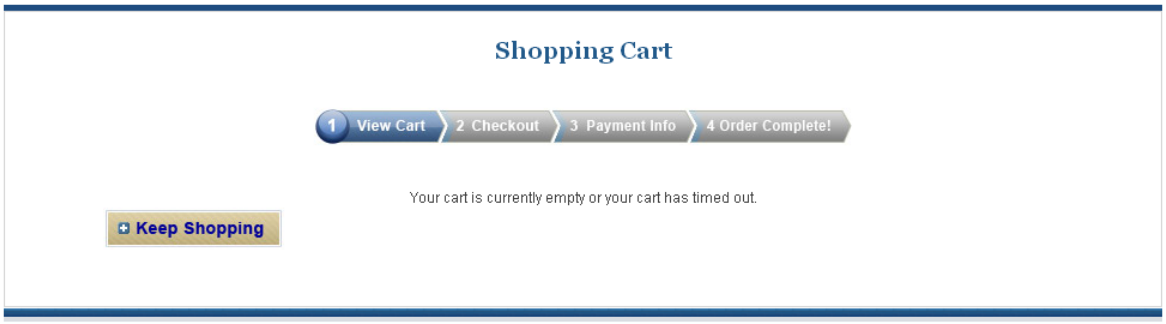
Data Collected

There will be no data to collect for this page.

Data Displayed

Assignment for BCIS 4720 will be attached in this page.

Cart



Purpose

The purpose of this page is to keep track of the items the user has selected to purchase.

Design

This will be a basic shopping cart that displays the item description, item price, number of items, and total cost of all items in the cart.

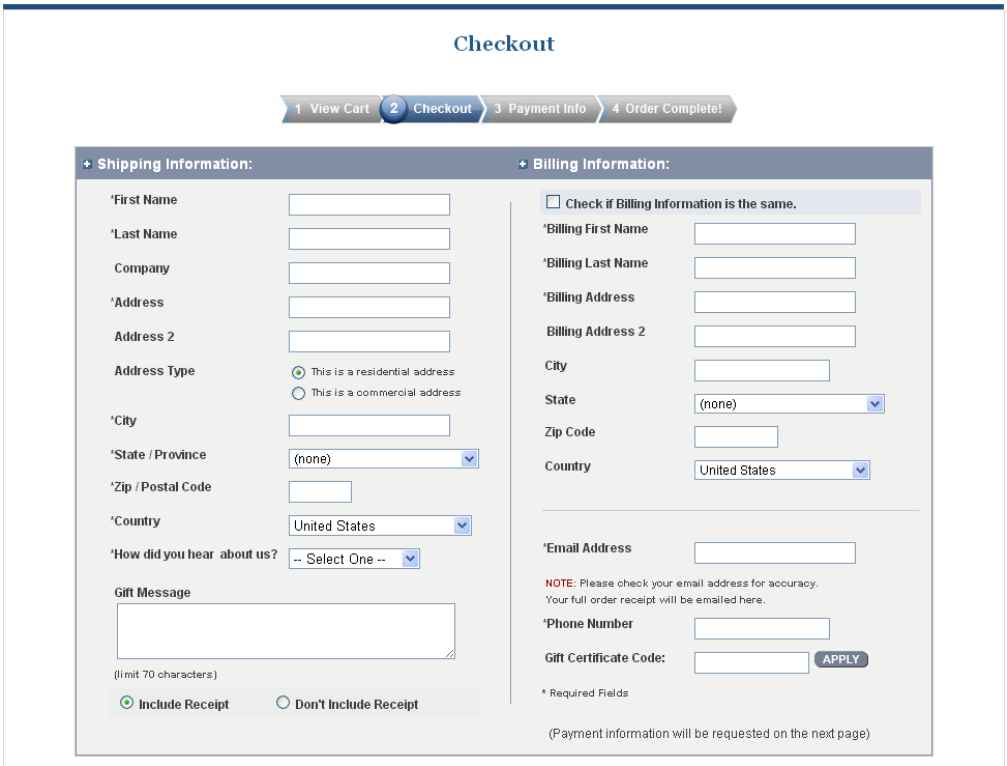
Data Collected

There will be no data to collect for this page.

Data Displayed

Product Information – Price, description, quantity.

Checkout



Purpose

To collect the users payment information and complete the transaction. It will also have the shipping address so we can send it to the correct destination.

Design

This page will contain text boxes for the user to input their payment information and shipping address.

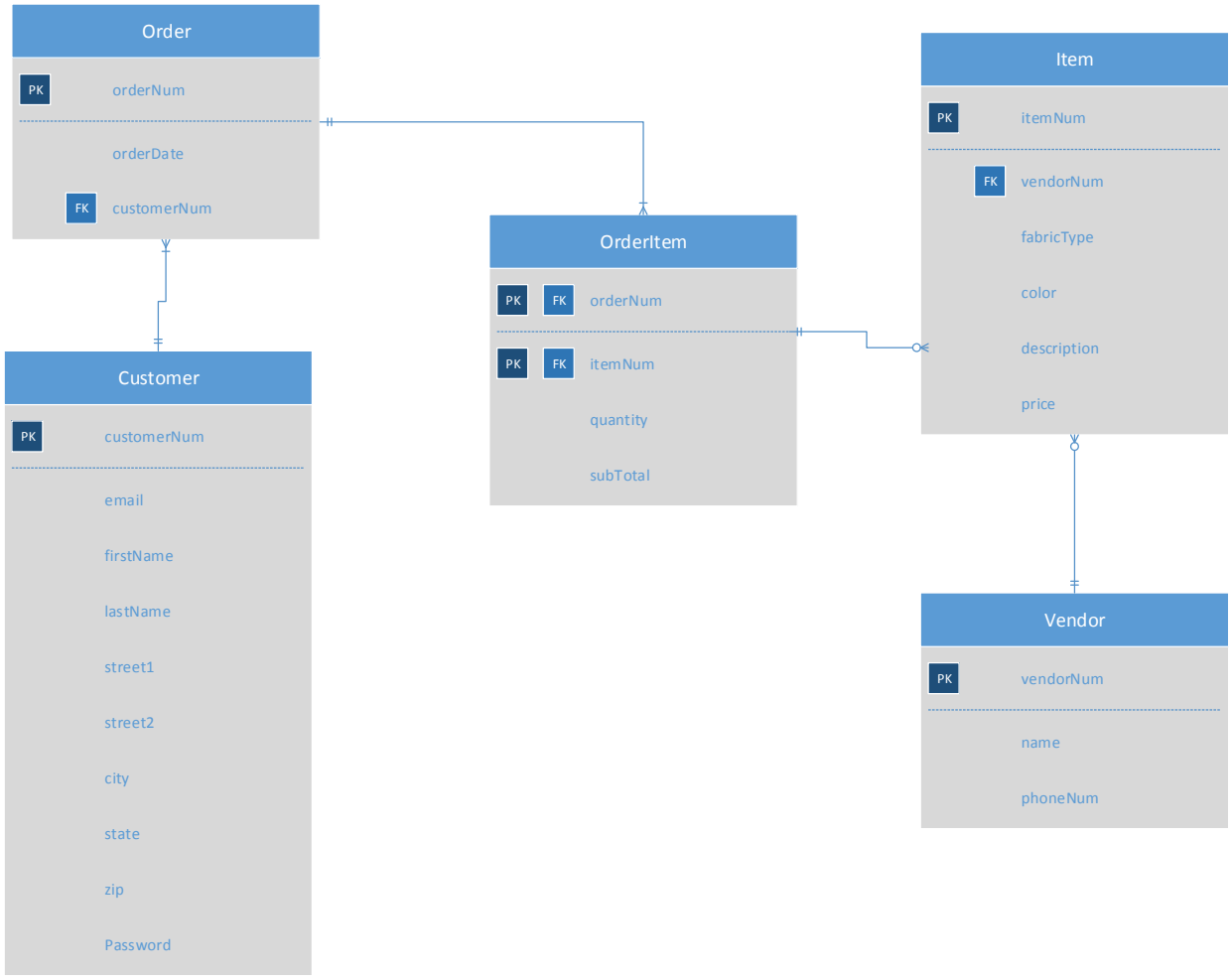
Data Collected

Users payment information and shipping address

Data Displayed

There will be no data to display for this page.

Entity Relationship Diagram



- **Data Definitions**

- Order [**OrderNum**, OrderDate, ***CustomerNum***]
- Customer[**CustomerNum**, Email, FirstName, LastName, Street1, Street2, City, State, Zip, Password]
- OrderItem [**OrderNum**, **ItemNum**, Quantity, SubTotal]
- Item[**ItemNum**, ***VendorNum***, FabricType, Color, Description, Price]
- Vendor [**VendorNum**, VendorName, VendorPhone]