



BEAUTIFUL BABE BOUTIQUE WEB APPLICATION DATABASE DESIGN

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Introduction

For my Database Design I will be using MongoDB with the Express Node.JS framework. I will create a JSON file using the mongoose Node.js library to assist with the schema of the database. I will create a JS file named product and this will be the main data for my web application.

I chose a non-relational database model as MongoDB because of the nature of my project. I don't feel there is many relationships with the products to use a relational database. It would be easier for me to use the non-relational model.

Products

The collection of data for the clothing items listed for sale. I used the express framework. You can see an example of how the document database will be set up below for the products schema.

```
const mongoose = require('mongoose');

const productSchema = new mongoose.Schema({
  name: {
    type: String,
    required: true, 'Enter a product name'
  },
  price: {
    type: Number,
    required: true, "Enter a product price"
  },
  description: {
    type: String,
    required: true, "Enter a product description"
  },
  category: {
    type: String,
    required: true, "Enter a product category"
  },
  image: {
    type: String,
    required: true, "Enter a product image"
  },
});
```

Username/ Login

Below is an example of the login and user name schema when a user registers an account for shopping

```
1  const mongoose = require('mongoose');
2
3  const usernameSchema = new mongoose.Schema({
4    username: {
5      type: String,
6      required: true, 'Enter a product name'
7    },
8    password: {
9      type: string,
10     required: true, "Enter a password"
11   },
12   email: {
13     type: String,
14     required: true, "Enter your email address"
15   },
16   First Name: {
17     type: String,
18     required: true, "Enter your First Name"
19   },
20   Last Name: {
21     type: String,
22     required: true, "Enter your Last Name"
23   },
24   Shipping Address: {
25     type: String,
26     required: true, "Enter you shipping address"
27   },
28   Billing Address: {
29     type: String,
```