**Project Group:**

Bodhan Yevdokymov and Corey Restani

**Potential Project:**

The project we chose is to build a database for a small business, in particular a craft/furniture store. This project would be build for Lisa and Paul Clark (Corey’s mother and step-father) who own their own small business. We saw the opportunity to build something functional that could be used in a portfolio and decided it would be best to take the opportunity.

**Database Plan:**

The purpose of this database is to store; materials used to build items, the inventory of items that are built and sold, sales records, customer information, and potentially information related to custom orders.

The users are going to be Lisa Clark and Paul Clark, the owners of the business and the producers of the items. They would like to be able to easily and intuitively add, remove, modify, and retrieve the information in the database.

The system should be able to interact with all of the data that the users would like to access. Questions such as; “What is the SKU of the ‘Brick Red’ paint that we use“, “How much in sales did we make at last night’s craft show”, “What <material type> do we use on <specific item>”, “What items were sold on receipt 536?”, are all examples of questions that should be easily answered by our system.

Input data available to the database consists of customer information, materials used to create products, inventory items that will be sold, sales receipts, and possibly details of custom orders.

Information stored in the database is all data relevant to the inventory and sales of the store. The information itself should document customers, materials, inventory, and sales.

On the next page we attached a preliminary outline that we drafted.

**PRELIMINARY OUTLINE**

Database project for Lisa and Paul Clark:

**Use:** for a small business, a craft store to keep track of inventory, materials, sales, custom order information, and customer information

**Data to Record:**

**Materials** (i.e. paints, stains, wood, ect.) what is used to build items

* Material type
* Cost of product
* What the material is used for
* Quantity in stock
* SKU?

**Inventory** (i.e. signs, small/large furniture pieces, shelves, benches, candleboxes, ect.) what is being sold

* Item type
* Price of item
* Production Cost
* Color? (may be materials used)
* Materials used?
* Description?
* Quantity in stock

**Sales**

* Item(s)
* Date
* Price
* Tax?

**Custom Orders**

* Item type
* specification details\* (more details needed)
* price
* Materials used? (paint, wood, ect.)

**Customer Information**

* Name
* Email Address
* Shipping Address