1. Functional Requirements

The following requirements have been identified for successful completion of the project.

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| ID | Requirement | Notes | Priority |
| 1.1 | The system will store existing product ID numbers, names, descriptions, sizes, and colors | ID numbers will not repeat | 1 |
| 1.2 | The system will print a list of products that have been stored | All items can be printed from the URL of the api with “/api/Product URL.” | 1 |
| 1.3 | The system will print individual products that have been stored | Individual items can be found according to their ID number in the URL (“/api/Product?id=”) | 1 |
| 1.4 | The form will determine the shipping cost according to the zip code | This is done by entering a zip code | 1 |
| 1.5 | The form will provide the labor cost for the item selected | This is based on the name and size of the item | 2 |
| 1.6 | The form will provide the price for the item selected | This is based on the name and size of the item | 1 |
| 1.7 | The form will print out the properties for the item selected (including the product’s id, name, description, size, color, price, and labor cost). | The product’s id will be determined by the number of times the user prints properties for different items | 1 |