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**Software Requirements**

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| **Task** | **Details on how to accomplish task** |
| Input | * Expenses/credits on the accounting page * Add remove products on the inventory page * Add purchase orders for new inventory on the inventory page * Order information on the sales page * Add employee information on the Management/Human Resources page * Customer information on the customer relations page * Employees enter hours in the Time Card page * Add/remove accounts on the accounting page |
| Store and retrieve product information | * product class in C# * product table in database |
| Store and retrieve employee information | * employee class in C# (child of person class) * employee table in database |
| Store and retrieve customer information | * employee class in C# (child of person class) * employee table in database |
| Store and retrieve order information | * order class in C# * order table in database |
| Store and retrieve financial information | * generalLedger and account tables |
| Generate reports (on own webpage) | * balance sheet * current inventory statistics * best customers (80/20 rule) * payroll information |
| Add records to general ledger | * from order purchases * inventory orders |
| Modify inventory quantity | * Add to quantity when inventory is ordered * Subtract from quantity when inventory is purchased |
| Calculate payroll | * every 1st and 15th of the month * recorded as labor expense in the generalLedger table |
| Output | * List customers on the customer relations page (sortable) * List products/inventory on the inventory page * List orders on the orders page   + ability to filter by customer   + ability to filter by product   + remove filters and view all orders * List entries in the general ledger on the accounting page   + filter by credits/debits   + filter by accounts |