System Requirements

Specification

for

COLUMBUS COMPUTER REPAIR

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# 1.1 IT Solution and Front End Interface

The front-end user interface must meet the following requirements:

Developed using Visual Basic software.

Must have a menu-driven user interface.

Final deliverable must contain all Visual Basic code programs as well as Internet/Intranet files, Marketing, Hardware/Software, Accounting/Financial files on a CDROM or flash drive.

Installable executable with full documentation.

# 1.2 Accounting System

Using Visual Basic develop a comprehensive accounting system that includes:

* General Ledger
* Accounts Receivable with supporting revenue entries
* Accounts Payable with supporting expense entries
* General Journal
* Balance Sheet, Profit and Loss Statement, Cash Flow Statement with an interface to Excel

# 1.3 Access or SQL Server Database

* A database must be developed that has a menu-driven graphical user interface.
* No predefined templates or work from another class are acceptable. The system must be well thought out, detailed, and show creativity.
* All database relationships must be graphically depicted, explained and justified, finalized and completed by Week 4.
* A finalized data dictionary base must be completed, justified, explained, and presented by Week 4.
* A security plan must be developed and implemented in the database.
* The database must consist of data entry forms, queries and reports.
* Your database system must have at least two (2) fully functional data entry forms.
* Your database system must contain a minimum of five (5) complex queries.
* Your database system must have a minimum of five (5) detail and summary reports. There must be a combination of both detail and summary reports.
* Data validation and testing of all database components are required. Remember garbage in, garbage out makes a system unusable.
* It your group’s responsibility to determine the type of forms, queries, and reports that are necessary for your project.