

Estimated Costs

Overview

Budget estimates are based on hiring graduate students to create production-level databases and websites. These figures will not necessarily reflect the cost or time needed by professional designers like Digital Tea to complete this project.

Time

The biggest time commitment involves building a PHP-based website overlay for a server-hosted MySQL Database. By avoiding this cost by using existing data management software, we think it would be feasible to have the whole project complete by working with CSL/Huco over the course of three semesters.

Estimated Timeframe

Phase 1 - Migrate data to MySQL (Create new tables, format old information, upload to MySQL)	60-80 hrs
Phase 1 - Set up MySQL ODBC Connector	2-8 hrs
Phase 2 - Build web-based interface	200-250 hrs
Phase 3 - Build PDF maker app in PHP	40-60 hrs
Phase 3 - Build mass emailer app in PHP	20-40 hrs

Software/Hardware Costs

We included the cost of a new computer under the assumption that you will need to upgrade your hardware if you upgrade to Access 2010 or trial FilemakerPro 12. The requirements of either program can be achieved on inexpensive machines.

Acer Aspire Desktop Computer from Best Buy

<http://www.bestbuy.ca/en-CA/product/-/b9003105.aspx?path=c1a6250ea4125d2cd4775117ab2b2245en02>

Cost - \$499.99

If you forego purchasing an Oracle or MS-SQL server and forego custom-building your own user interface, the most expensive combination of software and hardware costs approximately \$2000.

Cost Comparison

Hardware Upgrade

Acer Aspire Desktop	\$499.99
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Database Software

Access (w/Office)	\$669.00
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FilemakerPro	\$179.00
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Oracle	\$7000.00
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MS-SQL (purchase new)	\$1800.00
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MS-SQL (purchase license w/ Blue Genesis)	\$180.00 (approx.)
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MySQL	free
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Data Migration Tools

MySQL Workbench	free
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Database Admin Tools

phpMyAdmin	free
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dbForge	\$49.95 + \$39.95 annual fee
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DBTools	\$69.00
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Navicat	\$99.00 + \$16.00 for Report Builder
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Front-end Interfaces

Access 2010	\$179.00
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Access w/Office 2010	\$669.00
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FilemakerPro 12	\$179.00
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Custom-built Interface	\$6000.00 (est. 200 hrs @ \$30/hr)
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Additional Features

PHP Report Maker	\$240.00
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Total Email Access	\$299.00
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