

This document tracks the time I spent to develop the 'Solid State Lighting Products' Website. The main Languages of this Website are: PHP, SQL, JavaScript, XML, and CSS along with a MySQL database and HTML for the static content. This is an interactive, database driven website. The main goal is to get information from a MySQL database and display the information as an HTML output in a table format for the user. The users can also custom 'Search' the database.

Initially all the information will be added to the Database. There will be a Web interface, where users with the right credentials can add/delete/update records. Also, JavaScript language will be used to validate the data before adding it to the database.

The challenge of this website is the designing the MYSQL database in order for the users to have access to the information they need. When the Design is complete it involves auto-populating the Database with the records (there are 948 records).

The goal of this website is functionality and interactivity with the database. The design aspect (look and feel) will be second in priority.

This Website will be similar in database functionality to: <http://www.lightingfacts.com/default.aspx?cp=content/products>

This is a Sample Website not related to any specific company.

There will be two style sheets: one for the screen, handheld, and projector media, and a separate one for the Print medium.

Website's address: <http://bacsoftwareconsulting.com/lighting/>

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Database Driven websites are dynamic! To keep a website up to date takes a lot of time and attention. With a database driven website the layout can be created once and then content can be stored in the database. The content can then be updated regularly by simply logging into an administration page and modifying the data.

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*Total number of hrs I spent on the New Company Website (details below) = 131.0 hrs*  
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<b>Date</b>	<b>Time Spent (hrs)</b>	<b>Description (mainly)</b>
Sunday June 27, 2010	2.25	Researching in <i>moodle.org</i> and <i>wordpress.org</i> for forums, plugins, themes and other functionalities for this website.

Monday June 28, 2010	3.5	<b>Researching</b> in <i>moodle.org</i> and <i>wordpress.org</i> for forums, plugins, themes and other functionalities for this website.
Wednesday July 28, 2010	2.75	<b>Researching</b> for the Website to see how this website needs to be implemented.
Thursday July 29, 2010	1.75	<b>Researching</b> for the Website to see how this website needs to be implemented.
Sunday August 1, 2010	1.5	<b>Researching</b> for the Website to see how this website needs to be implemented.
Wednesday August 4, 2010	3.25	<b>Designing and Populating</b> the MySQL database (using the SQL language to create tables and fields). The records to the database are from: <a href="http://www.lightingfacts.com/default.aspx?cp=content/products">http://www.lightingfacts.com/default.aspx?cp=content/products</a> <b>Note:</b> I did not add the 'Canopy Light' Table because it is empty.
Thursday August 5, 2010	4.75	<b>Continue-Designing and Populating</b> the MySQL database (SQL language to create tables and fields). <i>The database contains a total of 27 tables.</i> The records to the database are from: <a href="http://www.lightingfacts.com/default.aspx?cp=content/products">http://www.lightingfacts.com/default.aspx?cp=content/products</a>
Friday August 6, 2010	2.5	<b>Developing</b> the database-driven, dynamic website. The main languages used for this part is PHP, SQL and JavaScript. Along with CSS.
Saturday August 7, 2010	4.25	<b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP, SQL and JavaScript. Along with CSS.
Sunday August 8, 2010	2.75	<b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP, SQL and JavaScript. Along with CSS.
Monday August 9, 2010	3.5	<b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP and JavaScript. Along with CSS.
Tuesday August 10, 2010	4.75	<b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP, SQL and JavaScript. Along with CSS.
Wednesday August 11, 2010	4.75	<b>Designing and Developing</b> the template for the Solid State Lighting Website. Languages used are: XHTML, JavaScript and CSS for the template. <b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP, SQL and JavaScript. Along with CSS for the tables.
Thursday August 12, 2010	10.75	<b>Designed and Developed</b> the template for the Solid State Lighting Website. Languages used are: XHTML, JavaScript and CSS for the template. <b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP, SQL and JavaScript. Along with CSS

for the tables.

Friday August 13, 2010	11.25	<p><b>Tried to Move</b> this project (database + files) to Blue Olive Online server. <b>FAILED....</b> (because I need to do a whole new build, start from scratch and lose all the table settings which would be a tremendous amount of time and the reason of the move does not justify all this extra work)</p> <p><b>Moved</b> this project (database + files) to the root of BAC Software server. (I put the Blue Olive Online Google analytics account so that it will be tracked under Blue Olive Online statistics)</p> <p><b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP, SQL and JavaScript.</p> <p><b>Added</b> the 'Canopy Light' table even though it is empty. <b>Cleaned-up</b> the database from some bad characters and invalid links (used the W3C link Validator for the latter). There are 22 invalid links + 5 redirects.</p>
Saturday August 14, 2010	9.0	<p><b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP, SQL and JavaScript. Working on the Webmasters area, where the administrator can edit, add and delete records. Tables cannot be deleted or added.</p>
Sunday August 15, 2010	8.0	<p><b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP, SQL and JavaScript. Working on the Webmasters area.</p>
Monday August 16, 2010	5.25	<p><b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP, SQL and JavaScript. Fixes to view1 of the database and the Webmaster area.</p>
Tuesday August 17, 2010	2.75	<p><b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP, SQL and JavaScript. <b>Fixes</b> to view1 of the database and the Webmaster area.</p>
Wednesday August 18, 2010	5.75	<p><b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP, SQL and JavaScript. <b>Fixes</b> to the Webmaster area of the database. <b>Working</b> on the View2 of the database.</p>
Thursday August 19, 2010	6.5	<p><b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP, SQL and JavaScript. <b>Working</b> on the View2 of the database. <b>Testing</b> the BETWEEN and &lt;=, &gt;= search features. The problem is the fields that need to be searched for numbers should be declared as numbers and not VARCHAR in the MySQL db.</p>
Friday August 20, 2010	3.75	<p><b>Continue-Developing</b> the database-driven, dynamic website. The main languages used are PHP, SQL and JavaScript. <b>Validated</b> the 4 CSS files for this website. <b>Created</b> a CSS file for print medium. <b>Tested</b> the website's rendering and functionality on the 5 major browsers.</p>
Saturday August 21, 2010	8.0	<p><b>Continue-Developing</b> the database-driven, dynamic website.</p> <p><b>Validating</b> the website for Accessibility: modified the code accordingly.</p> <p><b>Worked</b> on the CSS code (layout + rendering) for different resolutions, font sizes and screen sizes.</p>

Sunday August 22, 2010	2.75	<b>Continue-Developing</b> the database-driven, dynamic website. <b>Validated</b> the website for Accessibility: modified the code accordingly.
Wednesday September 22, 2010	1.0	<b>Extensively</b> testing the code.
Thursday September 23, 2010	5.75	<b>Extensively</b> testing the code. <b>Compared</b> 'view1' and 'view2' databases. There is a discrepancy with some of the tables due to Records errors from the original website. Discrepancy is between the 'main' table and the 'specific' tables. SYNCHRONIZED...
Friday September 24, 2010	2.75	<b>Working</b> on the content for the main page.
Saturday September 25, 2010	1.25	<b>Continue-Working</b> on the content for the main page.
Sunday September 26, 2010	4.25	<b>Added</b> the content for the main page. <b>Extensively</b> testing the code.
Total = 131.0 hrs		

Work in Progress ...

Blue Olive Online LLC