Andrew Kondelin

MIS 2501

Prof. Doyle

18 April 2018

**WordPress**

We have an opportunity to save $2,451,000.00 over the next three years by implementing WordPress. WordPress is an open-source web development technology which features 29,000 compatible plugins. Developers can utilize these plugins instead of building functionalities from scratch, thus significantly improving efficiency. By implementing WordPress, we can reduce the number of developers in our organization from 12 to five, while maintaining our current output.

WordPress increases developer efficiency by facilitating the sharing of compatible code. When a developer introduces a new feature to a WordPress site, he or she can share it with other developers by creating a plugin. This prevents other developers from having to spend the time coding the functionality by hand. For example, if a developer is tasked with including Facebook Login in an application, he can install the Facebook Login plugin, instead of coding with the Facebook application programming interface. By increasing developer efficiency by 77.8%, Wordpress can help our organization streamline our workforce to the essential personnel, saving millions in the process.

Including training, maintenance, hardware, and software, implementing WordPress will have a three-year cost of $174,000.00. By streamlining our workforce from 12 developers to 5, we will save $2,625,000.00 in salary expense over the same three-year period. This will result in a 3-year net benefit of $2,451,000.00.



Sources:

14 Surprising Statistics About WordPress Usage. (2016, September 20). Retrieved April 27, 2017, from <https://managewp.com/14-surprising-statistics-about-wordpress-usage>

Logghe, D. (1970, June 01). Facebook Login. Retrieved April 27, 2017, from <https://wordpress.org/plugins/wp-facebook-login/>

What Is WordPress? (n.d.). Retrieved April 27, 2017, from https://ithemes.com/tutorials/what-is-wordpress/