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MIS2501

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Flash Research Paper #4

WordPress

Implementing the WordPress platform will save our company $2,451,000 in a three-year investment period. By increasing developer’s efficiency, developers can create a website by integrating applications and components with plugin features, reducing the number of our traditional web developers. Using the WordPress platform can reduce developers from 12 to 5 and reduce headcount costs.

The key capability of WordPress is that web developers can use plugins, themes and widgets features to highly customize websites. Comparing with writing code from the scratch, WordPress can directly install plugins on our website to provide functionality and increase the efficiency of traditional web developers by 77.8%. We can save our time with WordPress by only taking 22.2 hours to finish our task instead of 100 hours with traditional web developers. For example, we can use WordPress plugin tools for customizing the MIS community side without directly writing code into the MIS community side.

Over a three years’ period, the total cost of WordPress is $174,000. The cost includes installation of hardware and software, maintenance agreement and employee training. Implementing WordPress will gain a total benefit of $2,625,000 because it reduces the number of developers by 7 over three years this results in a net benefit of $2,451,000 over three years.

Reference

What is WordPress? Checkout the benefits of using WordPress. (2017, January 13).

Retrieved April 18, 2017, from https://optimizerwp.com/what-is-wordpress/

5 Reasons Why We Use WordPress. (2016, February 15). Retrieved April 18, 2017, from

https://www.freshconsulting.com/5-reasons-why-we-use-wordpress/

WordPress Tutorial: A Guide to WordPress for Beginners. (n.d.). Retrieved April 18,

2017, from https://blog.udemy.com/wordpress-tutorial/

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| --- | --- | --- | --- | --- |
| **Cost:**  |  **Year1**  |  **Year2**  |  **Year3**  |  **Total**  |
|  Hardware&Software  |  $100,000  |  $-  |  $-  |  $100,000  |
|  Maintenance Agreement  |  $18,000  |  $18,000  |  $18,000  |  $54,000  |
|  Training  |  $20,000  |  $-  |  $-  |  $20,000  |
|  Total  |  $138,000  |  $18,000  |  $18,000  |  $174,000  |

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| --- | --- | --- | --- | --- |
| **Benefits**  |  **Year1**  |  **Year2**  |  **Year3**  |  **Total**  |
|  Headcount reduction  |  $875,000  |  $875,000  |  $875,000  |  $2,625,000  |
|  Total  |   |   |   |  $2,625,000  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Net Benefits  |   |   |   |  $2,451,000  |