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MIS2501 – Section 002
Professor Mart Doyle
Flash Research Paper #4 – Extra Credit

Flash Research Paper- WordPress

We can invest in WordPress and generate a net benefit of \$2,451,000 over a three-year period.

WordPress is a web development platform that has built-in functions and plugins, which can save us the work of coding from scratch. This investment can drastically improve our efficiency and realize a headcount reduction of seven developers.

WordPress is a web development and content management platform. Its drag-and-drop feature, premade themes and designs, and over ten thousand plugins make web development much more efficient, because now developers can extend functionality of a website without coding from ground up. Using WordPress, our efficiency will improve by 77.8%. For example, if it takes two weeks (about 336 hours) to finish a project using traditional platforms, it will take 3 days (about 75 hours) to finish a project using WordPress. With WordPress, we will reduce the time required for web development and thus can reduce our headcount from twelve to five developers.

The total cost of implementation will be \$174,000 in a three-year period, including the initial cost of purchasing hardware and software, WordPress training for two developers, and an annual hardware and software maintenance cost. However, by reducing the headcount of seven developers, we will generate a benefit of \$2,625,000 over the three-year period. At the end of three years, we will realize a net benefit of \$2,451,000.

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WordPress	9	people
Traditional	3	people
Headcount deduction	7	people
Developers needed	2	people

	Year 1	Year 2	Year 3	Total
Cost				
Hardware and software	100000			
Hardware/Software maintenance	18000	18000	18000	
Training	20000			
Total	138000	18000	18000	174000
Benefit				
Salary plus benefits for 7 employees	875000	875000	875000	
Total	875000	875000	875000	2625000
			Net Benefit	2451000

Reference:

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