بات عادل به می‌گوید، "به نظر می‌رسد …" 

ت نیویورک نوئل می‌گوید، "نیویورک …"
تقوم المصادر بمعالجات لمعالجة النصوص وتحقيقها في التنسيق الفني.]

من الجدير بالذكر أن التعامل مع الكفاءة من حيث التعامل مع الأخطاء وكفاءة الحالات، حيث تجدر الإشارة إلى أن الجودة في التعليمية تتطلب بحثًا ودراسةً بطرق علمية، حيث تساعد الشبكة للخدمة بدراسة النسبة الأمالية في التعليمية في التعليمية وذلك بطرق علمية.
SYSTEM COMPARISON BETWEEN ASP.NET & PHP5 IN WINDOWS & LINUX ENVIRONMENTS

MARWAN MAHMOUD DARWISH

ABSTRACT

This thesis aims to select two technologies of web development that are either extensively used, and/or are defining technologies of the future, with the aim of comparing the technologies used to implement them. The comparison will focus on the security of the technology, the performance and the cost. The two implementations for this thesis will be using PHP/MySQL in Linux OS and ASP.NET/MS-SQL in Windows OS. One of the most commonly used server-side scripting technologies today is PHP. PHP is a recursive acronym for PHP: "hypertext preprocessor", is an open source initiative headed by the Apache Software Foundation, and is one of the more widely adopted scripting languages. PHP by itself provides for dynamic page creation, and is available on multiple platforms. MySQL is an open source relational database widely used in conjunction with PHP. In the other hand ASP.NET web services are fundamental building blocks in the move towards distributed computing on the Internet. The primary advantage of the ASP.NET web service architecture is that it allows programs written in different languages and on different platforms to communicate with each other in a standards-based way. ASP.NET web services are significantly less complex than earlier approaches that made the same promises, and as an additional advantage, work with standard protocols – XML, HTTP and TCP/IP.

This thesis provides two environments "linux/apache web server/MySQL database server" and "windows/IIS web server/SQL server" and implements two web applications using the two technologies php5 in linux environment and asp.net in windows environment, the applications are used as a benchmark to compare the two technologies. The main purpose of the applications is to test the performance of inserting, updating, deleting and selecting the data within the database usage which is MySQL with php5 and MS-SQL with asp.net.

Then the thesis studies the strengths and weaknesses of the two technologies in term of price, the price consider not simply the price tag of the initial investment, but also the implementation and maintenance costs. Also studies the strengths and weaknesses of the two technologies in term of speed and efficiency with the consideration of the memory usage which is very important. Also studies the strengths and weaknesses of the two technologies in term of security of the server and network that technology works on.