**Group Research Challenge**

Server-Side Technology

Group Members: *<please list all group members who contributed here>*

**1) LAMP**

* What is “open source”?
* What does the LAMP acronym stand for in terms of a tech stack?
* What are some other variants of this tech stack for hosting PHP with database?

**2) Apache**

* What is an HTTP server? What is another name for an “HTTP Server”?
* How popular is Apache? Cite the URL(s) of stats that support your answer.
* What are three popular alternative HTTP servers?

**3) MySql**

* What is MySQL?
* What is the difference between *MySQL Community Server* and *MySQL Enterprise?*
* What company is the creator and owner of MySQL?
* Who are some prominent users of MySQL?
* What is MariaDB?

**4) PHP**

* What does PHP stand for? What is strange about this?
* Name some major websites that use PHP as their web scripting language.
* Where does PHP rank in terms of programming language popularity? Cite your sources and ensure they are up to date.
* What is the most recent stable version of PHP?

**6) Internet Acronyms**

Define the following acronyms in a sentence or two.

* HTTP
* HTML
* URI
* User Agent
* Origin Server
* RFC
* W3C
* IETF

**5) HTTP**

* When was HTTP developed and for what purpose?
* Who invented and developed HTTP?
* What is an HTTP resource?
* What is an HTTP status code?
* Outline the available HTTP status categories.

**Helpful Links**

**Wikipedia**

* [Apache HTTP Server](http://en.wikipedia.org/wiki/Apache_HTTP_Server)
* [Hypertext Transfer Protocol (HTTP)](https://en.wikipedia.org/wiki/Hypertext_Transfer_Protocol)
* [MySQL](http://en.wikipedia.org/wiki/Mysql)
* [PHP](http://en.wikipedia.org/wiki/Php)
* [LAMP](http://en.wikipedia.org/wiki/LAMP_%28software_bundle%29)

**Other Helpful Links**

* [What Every Developer Should Know About URLs](http://www.skorks.com/2010/05/what-every-developer-should-know-about-urls/)
* [Official Apache HTTPD Site](https://httpd.apache.org/)
* [Official MySQL AB Site](http://www.mysql.com/)
* [Official PHP Site](http://www.php.net/)