**4.2 Technical Resources**

Each developer’s computer must have the same XAMPP version installed in order to align the Apache and PHP version as found in the production environment. This is to avoid any conflicts and bugs which can be caused due to incompatible versions of PHP or Apache’s server core files.

XAMPP (64-bit environment) includes the following pre-installed software packages:

* Database: MySQL 5
* Web Server: Apache HTTP Server 2.0
* Primary language: PHP 6.0
* Database User Interface: phpMyAdmin

The production environment in question has the following infrastructure:

* CPU: Intel i7
* OS: Windows Server 2012
* RAM: 16GB
* DISK DRIVE: 500 GB (Solid State)
* Network Speed: 10 Mbps

The production environment is hosted on a team member’s own computer. This decision was made in order to have a better overlook of the server and have complete control of the environment.

Main software packages used in the project:

* Languages: HTML, CSS, PHP, JQUERY, JAVASCRIPT, SQL
* IDE: PhpStorm 10
* Framework: Yii 1.1.16
* Version Control Systems: GitHub, Gitbash, GitHub Desktop
* Team Collaboration Tools: GitHub, Facebook Chat, Trello
* OS: Windows, Linux