### **7. Google map**

Google Maps is a Web-based service that provides detailed information about geographical regions and sites around the world. In addition to conventional road maps, [Google](http://searchcio-midmarket.techtarget.com/definition/Google) Maps offers aerial and satellite views of many places. In some cities, Google Maps offers street views comprising photographs taken from vehicles.

***Alternative Technology***

Bing map

***The selection of this tool***  
The Google Maps application program interface ([API](http://searchexchange.techtarget.com/definition/application-program-interface)) makes it possible for [Web site](http://searchsoa.techtarget.com/definition/Web-site) administrators to embed Google Maps into a proprietary site such as a real estate guide or community service page.

### **8. Bootstrap 3**

Bootstrap is an open-source Javascript framework developed by the team at Twitter. It is a combination of HTML, CSS, and Javascript code designed to help build user interface components. Bootstrap was also programmed to support both HTML5 and CSS3.

***Alternative Technology***

Foundation

***The selection of this tool***  
 1. Responsive utility classes, greater control over visibility and hidden classes for block, inline-block, and inline

2. Responsive embeds classes to proportionately scale down iframes or embeds

### **9. Json**

JavaScript Object Notation is a lightweight data-interchange format. It is easy for humans to read and write. It is easy for machines to parse and generate. It is based on a subset of the JavaScript Programming Language, Standard ECMA-262 3rd Edition - December 1999

***Alternative Technology***

XML

***The selection of this tool***  
With the rise of [AJAX](http://en.wikipedia.org/wiki/Ajax_(programming))-powered sites, it’s becoming more and more important for sites to be able to load data quickly and asynchronously

### **10. Medoo**

**Medoo is The lightest PHP database framework to accelerate development, easy-to-use, easy-to-learn, and optimized for high performance to increase the development experience and user experience for web application. It`s suitable for every PHP development project with SQL database needed.**

***Alternative Technology***

XML

***The selection of this tool***  
1. Lightweight  
Only 15KB around with one file.

2. Compatible

Support various SQL database, including MySQL, MSSQL, SQLite, MariaDB, Oracle, Sybase, PostgreSQL and more.

3.Security

Prevent SQL injection.

4.Powerful

Support various common and complex SQL queries.

### **11. MySQL Workbench**

MySQL Workbench is a unified visual tool for database architects, developers, and DBAs. MySQL Workbench provides data modeling, SQL development, and comprehensive administration tools for server configuration, user administration, backup, and much more. MySQL Workbench is available on Windows, Linux and Mac OS X.

***Alternative Technology***

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***The selection of this tool***

It’s enables a DBA, developer, or data architect to visually design, model, generate, and manage databases. It includes everything a data modeler needs for creating complex ER models



PHP Storm

PhpStorm is the most intelligent php IDE. It is smart code editor provides excellent support for PHP (including the latest language versions and frameworks), HTML, JavaScript, CSS, Sass, Less, CoffeeScript, and many other languages. Enjoy coding with intelligent context-aware code completion, error detection, and on-the-fly code inspections & fixes.

Alternative Technology

TextWranger

Sublime text

Dreamweaver

AptanaStudio

The selection of this technology

1. Smart PHP Code Editor

The editor that actually 'gets' your code and deeply understands its structure, supporting all PHP language features for modern and legacy projects. Provides the best code completion, refactorings, on-the-fly error prevention, and more.

2. Code Quality Analysis

Hundreds of inspections take care of verifying your code as you type, analyzing the whole project. PHPDoc support, code (re)arranger and formatter, quick-fixes, and other features help you write neat code that’s easy to support.

3. HTML/CSS/JavaScript Editor

All the cutting edge front-end technologies are included, such as HTML5, CSS, Sass, Less, Stylus, CoffeeScript, TypeScript, Emmet, and JavaScript, with refactorings, debugging and unit testing. Live Edit let you see changes instantly in the browser.

4. Debugging and Testing

Zero-configuration debugging makes it really easy to debug and profile your PHP applications with either Xdebug or Zend Debugger. PHPUnit and Behat support lets you develop and run tests right from the IDE.