Welcome to our pragmatic and flexible development methods in PHP and its different modules in project development, strengthen your performance and create excellence in real time. We offer a wide spectrum of web services and solutions to help our clients meeting their business needs on time and within cost-effective parameters. We not only automate current business processes but gear them up for maximum robustness and scalability to address the demands of the future. Our expertise, hand-picked competent brains and the in-depth understanding of our clients' enterprise enable us to provide business-oriented web services and solutions that use proven technologies and methodologies.

We offer professional project management and commitment towards quality processes through our offshore facilities in India. Our strength lies in our team of **experienced and** **qualified professionals**, who are dedicated to providing and fulfilling customer requirements. We aim at providing the highest quality of **services** in every aspect of development from initial contact to post development support.

**Our Approach**

At BitCube Technologies, we ensure that we pay careful attention to each particular customer case. We believe that every client's requirements are different and when their requirements are different then how is it possible to have the same solution to any two clients. We believe that understanding the needs of clients is as important as the development process itself. In order to provide our clients with a dependable solution, it is imperative that we make them aware of the possible options and supply them with competent advice.

At BitCube Technologies, we want to develop long term relationships with our clients. The objective is to develop a partner relationship with our clients. With this in mind, our web application development company delivers custom website applications, according to what you have in mind for your business. We know that satisfied clients make for long-term relationships.

Moreover, we believe in not just providing you with professional web development and web design services, but becoming your permanent IT vendor, who can assist you to take your business to the top.

At BitCube Technologies, we believe in passion. It’s only passion that can make us achieve our goal of getting our clients to their goals. We value our clients and willing to go even beyond that extra mile for your success.

**Our Team**

We work together to achieve success in whatever project we deal in. The team at BitCube Technologies constitutes some elite, diligent and proficient members, who have vast global experience and proven track records. Our company is laced with an army of brilliant full time IT professionals including software developers and QA specialists to take every project as a challenge and endeavor hard to make it a success.

We have a resource of the finest IT professionals, who produce superior software to suit client’s requirement and help them to meet their goals. Our culture boasts of passionate, innovative and meticulous professionals, who share the same vision as ours to help various businesses, institutions and corporate sectors

Our Open Source team consists of high performing, proficient and experienced professional, who not only deliver to expectation but strive to move beyond it. The team empowers its members by welcoming the ideas and suggestions that enables them to maximize their potential.

**Services**

BitCube Technologies offers service for PHP development, PHP Software Development, [PHP Application Development](http://www.cyberthinkinfotech.com/blog/php-development-overview), PHP with MySQL, PHP with AJAX, PHP Custom Shopping Cart, Payment Gateway Integration, Content Management System, web Applications and Customize Business Solutions. We have a strong pool of professionals that bridges the gap of Innovative and impeccable partnership using technologies including PHP, C/C++, HTML, JavaScript, jQuery, AJAX, Flash and Flex. We develop solution using frameworks like Zend Framework, CakePHP, CodeIgniter. Our Open Source team can provide you solution in Magento, OScommerce, Joomla , Drupal, WordPress, phpBB3, Zen Cart, Dolphin 7, vBulletin etc.

**Development Process**

We have a set of well-defined software engineering processes for software development life cycle. Each of these processes, ranging from requirements to release, is based on industry-standard software development practices. Our processes evolved over a period, to incorporate best practices in requirements management, project management and oversight, design methods and testing methodologies and tools.

**Approach Methodology**

At BitCube Technologies, the project development methodology and approach followed, depends upon an assortment of factors. We follow traditional waterfall model, prototyping model, or iterative RUP methodologies, depending on the project’s type.

We are equipped with a comprehensive Quality Management System (QMS) comprising of Organizational Standard Software Development Processes, Artifacts for each process (process assets) and its related reference documents like Organizational coding guidelines, Review Guidelines etc.

After analyzing the client's requirements in detail and based on the interactions with the Project Team, we work with the most appropriate approach that suits our customer’s needs.

The approach, we prefer is dividing the entire project into a number of process iterations, each one having its own set of requirements, design, development, testing and implementation phases.

A behavioral prototype enables BitCube Technologies to build a product model by showing something concrete and executable to users, customers, managers, and stakeholders.

We follow stringent communication techniques for projects in our offshore model. We have state-of-the-art communication infrastructure facilities to communicate with our client on a daily basis for their requirements, project status updates, and other project-specific details.

We propose to follow the development approach as described below:

**A. Customer Requirements**

Requirements are gathered using industry-standard practices and reviewed both internally by peers and externally by clients, and findings of reviews are tracked to closure. Once these requirements are frozen, the development work begins.

All the requirements are numbered at the onset so that they are tagged for identification and documented accurately in the design document. Each requirement is assigned a Requirements ID, which is further used to track the requirement from definition, design, implementation, and testing phases. This also helps to easily track and verify that all the requirements are catered or not.

**B. Project Management**

A project kick-off meeting marks the beginning of the project. A comprehensive Project plan is prepared, which outlines all the critical aspects related to the smooth project execution. These include:

* General Planning and Milestones
* Scope Management
* Team formation and Engagement
* Integration Planning
* Communication Planning
* Quality Management
* Risk Management and Mitigation
* Procurements Management
* Tracking and Control Mechanisms
* Detailed Schedule

**C. Detailed Design**

Detail Design defines and maps the entire system in details, as well as the functional process flow.

The content of the design document contains the following main items:

* Block Diagram
* Overall System Architecture
* Class Diagram
* Screen Shots and field Validations
* Flow diagram/Sequence Diagram
* Database Diagram
* Deployment View

For entire functionality, we use Microsoft Visio for architecture and database design. Before the design is finally approved, it is exhaustively reviewed by Technical Leaders and System Architects. Design specific errors are identified and resolved. The detailed design can also be given to the customer for review, if required.

**D. Development**

Here, actual coding activities are done according to the organizational coding guidelines for different technologies. Internal and inline commenting is done along with the coding activity. Completion of each module results in preparation of test cases and unit level testing. Code reviews are also done to ensure that the developed code adheres to the organizational guidelines for coding.

Code Reviews are done upon completion of each software unit. This ensures that coding is done according to laid out guidelines and that code is readable, clean, and maintainable.

**E. Testing**

Various levels of testing have been defined and followed by BitCube Technologies:

* Unit Testing
* Functional Testing
* Integrated Testing
* System Testing
* Acceptance Testing

Test Planning is done at the onset of the project in the project-planning phase. The Test plan outlines the types of test to be performed, resources, tools, and responsibilities for test related activities.

For unit testing, the developers are made responsible for the quality of the module they are developing. At different levels and for different kind of projects, we use unit-testing tools.

For functional testing, test cases are generated and filled with data and supplied to the QA team.

During the integrated testing the entire application is deployed on the testing infrastructure and then various aspects of the application such as the platform support, browser support etc. are considered. Here some automated tools and stress testing tools are also used.

The final User Acceptance Testing (UAT) is also a very important procedure, which is done in phases by the client, before accepting the complete delivery of the application. Processes for projects are continuously verified and monitored by the QA and senior team members of the project to ensure that the defined processes are followed to streamline the development and enhance the effectiveness.

**Risk Management**

Prior to commencement of the project, we follow an approach wherein all known risks specific to the project are identified and documented. The Risk Management Section of the Project Plan is generated, where all possible foreseen risks and their contingencies are documented and addressed.

Each risk is given a Risk ID, and has a risk category, occurrence probability, consequences, and mitigation strategy. Risks are assessed throughout the execution to identify any new risks that may occur. This assists us to visualize the possible problem areas and address them right at the onset.

For risks associated with delay in client feedback, we propose to have a dedicated Engagement Manager (can be anyone from client side) at the clients end to ensure faster approval, review and feedback process.

**Advantage BitCube Technologies**

## Communication

BitCube Technologies project managers and business analysts place great value for building a clean communication link with you as they consider it the key ingredient for the success of any project at hand.

These team members are not just IT professionals but have well-developed communication and people skills which works in tandem with your needs and requirements. They are known for taking care of every minute detail and thus what you communicate during the process of building your project is taken on board, discussed and responded to in a stipulated time period.

## Cost

We are located in India and work for both local and international clients. Every service sector is getting its work done successfully in India at much lower cost. Now with advanced communication technologies and availability of highly skilled IT professionals in India at par with the best and brightest in the world, it's a definite cost advantage for you to outsource your web development work to us.

#### Focus

BitCube Technologies Team doesn't take up each and everything in the domain of IT and ITES. We don't promise to deliver on some IT requirement if we don't have enough skills and expertise in that area.

We specialize in web Application development, search engine optimization and web marketing, E-Commerce and Open Source Script customization. We remain focused and dedicated to these competencies and we constantly endeavor to enhance and builds skills of every member of our team.

#### Quality

Our tools are professionalism, skills and expertise that translate into delivering quality work at every step for any project we undertake. We work towards getting better than the best out of every team member at BitCube Technologies, which means when you hire us all round quality is assured off as you want it.

We use the best standards as practiced in project development, and testing. Our Quality Advantage includes protection of intellectual for the source codes developed specifically for your business.

We do not sell the source codes to the third parties and all elements that we create for your web solution belongs to you.

So if you need a web solution to improve profitability and efficiency of your business, get in touch with us and let BitCube Technologies Advantage work the Web for your Advantage.

We can take up big projects and have caliber to deliver world class results. We have a mission to become one of the leading offshore PHP development company in India. If you want to outsource PHP development project to India then **we are the best choice...**

**Skill Set**

**Languages:** Advance PHP, .NET, HTML, JavaScript, AJAX, jQuery, XML, CSS 3  
**Framework:** Zend Framework, CakePHP, CodeIgniter  
**Database:** MySQL, MS SQL  
**Open Source:** Drupal, WordPress , Magento, OScommerce, Joomla , phpBB3, Zen Cart, openCart Dolphin 7, Orca,vBulletin  
**Designing:** Photoshop  
**3D Animation:** Maya, 3D Max  
**Cloud Storage:** Amazon S3  
**Code Versioning:** SVN, VSS  
**Project Management:** Assembla, ZOHO

**Latest Work**

**Inkmash:** e-commerce with total customizable backend and apparel designing tool to design t-shirt online.  
URL: [www.inkmash.com](http://www.inkmash.com)  
Technology: Advance PHP 5.3, MySQL, jQuery, Flash  
Category: e-commerce

**Remax:** Website for No.1 Real estate service provider in Canada. This website has advanced property search and Google Maps integration.  
URL: [www.remax.ca](http://www.remax.ca)  
Technology: Advance PHP, MySQL, jQuery, Google Map  
Category: Business Website

**Kompoz :** Online music creation and collaboration Application. Users can create music online and collaborate with other musician worldwide. This application use multiple mixer and database server to cater huge number of users world-wide.  
url: <http://www.kompoz.com>  
technology: C++, Advance PHP, Web Service, MySQL, Amazon S3, AJAX  
Category: Web Application

**My Writing Wizard:** Online study and analysis application for students and learners. The main concept of the application is to promote e-learning through application and spread awareness to save paper and green world.  
URL: http://mywritingwizard.com/   
Technology: Zend Framework, MySQL, jQuery  
Category: E-Learning system

**Womb to Bloom:** Website to share pregnancy and parenting experiences. Parents can register to share their experiences with other parents. They can get valuable advice from articles and other members. Parents can share video and photos with family members and friends.  
URL: http://www.wombtobloom.com/   
Technology: PHP, MySQL, jQuery  
Category: Social Networking, Forum

**Rajasthan Images:** Website to buy images related to Rajasthan, A state with rich Indian culture.  
URL: http://rajasthanimages.com/   
Technology: PHP, MySQL  
Categroy: e-commerce

**Upickstorage:** Web based application to provide support for storage system. Users can register and buy get best offers for storage space/unit in the area around them.  
URL: www. Upickstorage.com  
Technology: Advance PHP, MySQL   
Category: E-commerce, Service Support

**Ideas Media:** Corporate website for service provider in USA  
URL: <http://www.getideas.com/>  
Technology: PHP, Wordpress, MySQL  
Category: business website

**Pest Control Ideas:** Web portal to connect pest control service provider and users. Users can search service providers in nearby area and ask for quote. Users can also read important articles for pest control  
URL: <http://www.pestcontrolideas.com/>  
Technology: Advance PHP, MySQL, Wordpress, Google Maps.  
Category: Business Portal

**Swimming Pool Ideas:** Web portal to connect swimming pool service provider and users. Users can search service providers in nearby area and ask for quote. Users can also read important articles about new ideas about swimming pools   
URL: <http://www.swimmingpoolideas.com/>  
Technology: Advance PHP, MySQL, Wordpress, Google Maps.  
Category: Business Portal

**Landscape Ideas:** Web portal to connect landscaping service provider and users. Users can search service providers in nearby area and ask for quote. Users can also read important articles about new ideas about landscaping   
URL: http:// www.landscapeideas.com/   
Technology: Advance PHP, MySQL, Wordpress, Google Maps.  
Category: Business Portal

**Floor Ideas:** Web portal to connect floor service provider and users. Users can search service providers in nearby area and ask for quote. Users can also read important articles about new ideas about floors   
URL: <http://www.floorideas.com/>  
Technology: Advance PHP, MySQL, Wordpress, Google Maps.  
Category: Business Portal

**Concrete Ideas:** Web portal to connect concrete service provider and users. Users can search service providers in nearby area and ask for quote. Users can also read important articles about new ideas about concrete work   
URL: <http://www.concreteideas.com/>  
Technology: Advance PHP, MySQL, Wordpress, Google Maps.  
Category: Business Portal