



Project Definition (PHP)

Project Name: QuesteCom	Technology: PHP, MySQLi, JavaScript, Ajax
Project Criteria: E-commerce application (Web)	Duration: 6 Month

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Project Assumption:

1. Project would have well defined file & folder structure (MVC pattern).
2. It would be developed in such a way that it can be expanded for further use.
3. Compatible with latest version of PHP 7+, MySQLi, JavaScript.
4. Validation control over site data with PHP and JavaScript programming.
5. Secure at MySQLi injection.
6. Enhance the thought of candidate for development processes.

Project Modules

1. Catalog (Product, Category, Media gallery)
2. Customer (Customer Group, Customer, Address)
3. CMS (Pages, Block)
4. Checkout
5. Sales & Report (Order, Invoice, Payment, Shipment)
6. Payment & Shipment Types
7. Attribute Management
8. Review and Rating
9. Media
10. Configurations

Project Phases

Project would be covered into three phases for better understanding of PHP/MySQL and e-commerce flow. Each phase is divided in period of 2 months.

1. Core & Basic MVC Flow

- a. Basic PHP/MySQL programming with key concept.
 - b. Purpose of folder & file structure design.
 - c. Module implementation & data structure design within e commerce flow.
 - d. Raise development ability of candidate with proper guidance & instructions.
2. MVC / Framework
 - a. Explanation of Framework and Purpose of library tools.
 - b. MVC pattern of Framework and detailed explanation of MVC pattern.
 - c. Rebuilt the web application in MVC environment with use of libraries.
 - d. Enhance the thought of flexible and expandable development process within project implementation.
3. Web Application
 - a. Detailed explanation of modules.
 - b. Theme Integration & Web Service Implementation.
 - c. Custom Module Implementation & Customization process.
 - d. Upgradation and backup processes for module to site.

Project Description

1. Project would be developed based on flow of ecommerce system.
2. There are basic 2 sections available on site 1) Admin end 2) Front end.
3. Admin would have full authentication & access to all data of site. Admin will able to manage the customer, catalog, sales, report etc.
4. Front end section would have different pages which will be implemented using modules defined above like registration, login, my account, catalogue, cart, checkout, order pages.

Technical Description

Project would cover following technical term of programming.

1. PHP Core programming, Object oriented Programming, Namespace and MVC Pattern for development
2. Mysqli data structure Normalization & relation, Indexing Process, Expandable data structure designing.
3. Class based JavaScript programming and Ajax using jQuery & JavaScript library.
4. Framework customization & development.