

Synopsis on
E-Commerce Website

By
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Company Details

Company Name: Parallax Developers.

Parallax Developers is a Startup Company Located in Pune, India. Parallax Developers provides services for Website design and development, Digital Marketing, Graphic Designing and Software/Mobile App Development.

It was started on 11th November 2017, and currently working on more than 7 projects. Parallax Developers helps in getting the business online and also in promoting that business to its specific customers Targeted Audiences).

Company Website:

<http://www.parallaxdevelopers.com>

Contact Details:

Mobile: 9028361696 / 7276709161

Email: info@parallaxdeveloper.com / asif@parallaxdeveloper.com

Year of Registration: 2017.

Type of Company: Sole Proprietary.

Number of Employees: 5

Address: Office Number : 223B, Konark Business Hub, near SBI bank, Kondhwa Khurd, Pune, Maharashtra, India.

PINCODE: 411048.

Project Description

Title: E-commerce Website

Brief write-up of project

An E-Commerce website which will allow the merchant to to advertise and sell their goods on the internet. This will enable the merchant to access the vast user database on the world wide web

Name of Project/Title:E-commerce Website

Objectives of Project:

The objective of this project is to create an e-commerce web portal with a content management system which would allow product information to be updated securely using a mobile device.

The web portal will have an online interface in the form of an e-commerce website that will allow users to buy goods from the merchants.

The e-commerce portal will have the following key features:

- An online shop that will allow online shoppers to buy wares from formal and informal merchants.
- A search engine on the website to allow customers to find specific types of merchandise.
- A secure online transaction system that will allow shoppers to purchase goods safely using their credit cards.
- A database of merchandise with photos, product descriptions and stock information. This database will also contain all relevant merchant and customer information.
- A data security system that will ensure that all data that is transmitted between the various system

Client details

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Number of modules and their names with brief description

This project will be divided into following separate components:

- The content management system (CMS)
- The e-commerce website/portal
- The product, merchant and customer database
- The coupons, discount managements
- Reporting of the sales, orders, shipments etc
- The online transaction security system
- The data security system

Scope and functionality of each module

1.1 Content Management System (CMS)

The CMS will be responsible for managing the product, merchant and customer database (MySQL). The CMS will also handle any changes that must be made to the database as a result of

transactions on the e-commerce website. This information would be processed and the database would be updated accordingly using SQL queries.

1.2 The E-Commerce Website/Portal

The e-commerce website/portal will provide merchants with a medium through which they will be able to sell their merchandise. It will provide online shoppers with an interface through which they will be able to purchase merchandise from formal and informal merchants. This e-commerce website component will be written in **PHP with Laravel**, which is a very popular and versatile e-commerce programming language. The website will provide shoppers with information about the various products that are for sale. The information will include prices, product descriptions, stock availability as well as photographs of the products.

1.3 Product, Merchant and Customer Database

The product, merchant and customer database will store all information about the products that will be sold on the e-commerce portal (prices, product descriptions, photos of products). It will also store merchant information (names, banking details, contact details) as well as customer details (credit card information, shipping address). This database will use the MySQL architecture and will be manipulated using SQL queries via the content management system.

Technology to be used:

PHP With Laravel

MySQL

Bootstrap,HTML , CSS ,JavaScript, Jquery

S/W and H/W Specification

- **Hardware Specification**

Processor: Any Processor.

Processor Speed: 1GHz to 2GHz.

RAM: 256MB and above.

Hard Disk: No Storage Required.

Keyboard: Any Keyboard.

- **Software Specification.**

Browsers: Chrome, Firefox, Microsoft Edge, Internet Explorer, etc.

Method of Analysis

Limitations of the proposed system

- INTERNET CONNECTION IS ABSOLUTELY REQUIRED.
- BASIC INTERNET KNOWLEDGE IS REQUIRED.
- USER REGISTRATION IS COMPULSORY FOR PARTICIPATION.

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