

Department of Electrical and Computer Engineering

**CSE 299: Junior Design Course**

**Project Proposal**

E-Commerce

(Online Shopping Store)

Section 08

Team Number: 01

**Team Member**

|  |  |
| --- | --- |
| **Asiful Alam Fahim** | **152 1551 042** |
| **Md. Anikul Islam** | **152 0086 042** |
| **Mitu Rani Das** | **151 2383 642** |

**Submission Date:**

14th February 2019

**Introduction**

E-Commerce website development in Bangladesh nowadays is a moneymaking or profitable business.This project is organized for an e-Commerce site for any small to medium **shopping store**. This project has been designed for solving current problems of many e-Commerce sites in Bangladesh. These websites are not updated regularly, and there are also SPAM and MARKETING STRATEGY issues which give negative impression to the user and the customers.

**Technical Approach**

Our goal is to avoid those possible problems that we mentioned earlier and also create more error free, updated, reliable and licensed web applications to the users and the customers. We are going to make an e-Commerce site which contains User and Admin Interfaces. The information of admins and users will be arranged in a database. The database can be only accessed by the admins. To maintain the platform we have divided the problem into two segments.

1. **Web Interfaces**:

a. Registration.

b. Log in -

● User Name.

● Password.

c. Search Key.

d. Payment method -

● Cash on-delivery.

● Bkash.

1. **Database**:

a. Data Insert.

b. Data Update.

c. Data Delete.

**System Activities**

In this section, we have separated the system activities in three major parts:

1. **User:**
2. They can search products.
3. They can view updated product details, updated product lists and discount product.
4. **Customer:**
5. They can order their desire products.
6. Can also see the billing summary.
7. **Admin Panel:**
8. They can add or delete product.
9. They can observe customer order details.
10. They can add category list of product.
11. They can also view product details.

**Software Requirements**

1. **Server side language(PHP):**

PHPThe most popular server-side language on the web, PHP is designed to pull and edit information in the database. It is the most commonly bundled with databases written in the SQL language. PHP was designed strictly for the web and remains one of the most widely used languages around. It’s easy to install and deploy, is staying competitive with lots of modern frameworks, and is the foundation for a number of content-management systems. PHP-powered sites: Word Press, Wikipedia, Facebook.

1. **HTML:**

First developed by Tim Berner Lee in 1990, HTML is short for Hyper Text Markup Language. HTML is used to create electronic documents (called pages) that are displayed on the World-wide web. Each page contains a series of connections to other pages called hyperlinks. Every web page seen on the Internet is written using one version of HTML code or another. HTML code ensures the proper formatting of text and images so that your Internet browser may display them as they are intended to look. Without HTML, a browser would not know how to display text as elements or load images or other elements.

1. **CSS:**

CSS is a language that describes the style of an HTML document.CSS describes how HTML elements should be displayed. CSS provides rich functionality, including defining the appearance of HTML pages when they are printed. Use of CSS provides much greater accessibility, allowing users with special needs to alter the appearance of a Web page to suit their requirements. CSS also allows Web pages to be more easily rendered by special devices, such as speaking browsers.

1. **BOOTSTRAP:**

Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive, mobile first project on the web.

1. **JS(Java Script):**

The most common use of JavaScript is to add client-side behavior to HTML pages, also known as Dynamic HTML (DHTML). Scripts are embedded in or included from HTML pages and interact with the Document Object Model (DOM) of the page.

1. **TEXT EDITOR(Visual Studio Code):**

There is no any IDE available better than “Microsoft Visual Studio”. It provides all the bells and whistles including cross file navigation, code completion and whatnot.

1. **GITHUB:**

Github is a development platform inspired by the way anyone work. From open to Business, one can host and review code, manage projects, and build software alongside millions of other developers.

Timeline

|  |  |
| --- | --- |
| Week | Task |
| 1 | Project proposal, presentation slide. |
| 2  3 | Study on project topic, making plan about process and distribute the parts of this project among the members. |
| 4  5  6  7  8 | Completing the coding part of the project. |
| 9  10  11 | Testing and modifying. |
| 12 | Project report, presentation and submitting the complete project. |