

Department of Electrical and Computer Engineering

**CSE 299: Junior Design Course**

**Project Proposal**

E-Commerce

(Online Shopping Store)

Section 08

Team Number: 01

SPRING 19

**Team Member**

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**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. So, our idea is to create an e-commerce site which will provide an error free, reliable service to the users.

**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):**

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.

1. **HTML:**

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:**

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

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| --- | --- |
| 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. |