R. P. Shaha University

- an institution of Kumudini Welfare Trust of Bengal (BD) Ltd.

Course Title: E-Commerce and Web Design Lab

Course Code: CSE-434

Project proposal

Prepared for:

Ankan Roy, Lecturer

Dept. of CSE, RPSU

Prepared by:

Md. Istiaque Hossain

Id: 21200001

Batch: 22nd

Date: 15/ 03/ 2024

Department of CSE

Faculty of Computer Science and Engineering

Narayanganj - 2024

E-commerce Website Demo using HTML, CSS, and JavaScript

Project Title: Interactive E-commerce Website Demo: Showcasing Frontend Development Skills

Project Overview: This project aims to create a demonstration of an e-commerce website using only HTML, CSS, and JavaScript. The purpose of this demo is to showcase frontend development skills by simulating key features of an e-commerce platform in a simplified manner. The demo will include basic functionalities such as product listing, cart management, and checkout process.

Objectives:

1. Design and develop a visually appealing and responsive user interface for the demo e-commerce website.

2. Implement simplified versions of essential features including product listing, cart management, and checkout.

3. Showcase proficiency in HTML, CSS, and JavaScript through clean and well-structured code.

4. Ensure the demo is user-friendly and intuitive for easy navigation and interaction.

5. Test the demo thoroughly to identify and fix any bugs or issues.

Technologies and Tools:

1. HTML5 for structuring the website's content.

2. CSS3 for styling and layout design.

3. JavaScript for implementing interactive features and basic functionalities.

4. Any additional tools or libraries deemed necessary for development.

Deliverables:

1. Demo e-commerce website showcasing frontend development skills using HTML, CSS, and JavaScript.

2. Source code files organized and documented for easy understanding.

Budget and Resources:

1. Human Resources: Frontend developer.

2. Hardware and Software: Development machine, web browser, text editor.

3. Utilization of free/open-source materials and tutorials available on platforms like YouTube.

Risk Management:

1. Technical challenges such as browser compatibility issues or responsive design complexities.

2. Time constraints due to project scope and resource limitations.

Conclusion: This demo project offers an excellent opportunity to showcase frontend development skills by creating a simulated e-commerce website using HTML, CSS, and JavaScript. By focusing on essential features and maintaining simplicity, the demo will effectively demonstrate proficiency in key technologies and techniques.