# Website Analysis and Design: Velvetone – Frames for Every Home

**National University of Computer and Emerging Sciences,**

**Islamabad Campus**

**Date**

November 24, 2024

**Course Number & Name:**

CL100: Introduction to Information Communication Technologies

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# 1. Introduction

**Velvetone** is an e-commerce platform designed to sell high-quality frames for decorative and functional purposes. The website aims to provide a seamless user experience through a visually appealing and intuitive interface. The website consists of multiple pages including the Home, Shop, Frames, Cart and Payment pages.

Key features include:

* **Responsive design** for various devices.
* **Interactive navigation** for seamless browsing.
* **Detailed product pages** with add-to-cart functionality.
* **Payment page** for billing and payment details.

This report documents the design, development, and testing process of Velvetone.

# 2. Background

## 2.1 Website Concept

Velvetone was conceived to cater to the growing market for personalized and decorative frames. It seeks to blend functionality with aesthetics, offering users a platform to browse, select, and purchase frames effortlessly.

## 2.2 Development Goals

The primary objectives for *Velvetone* included:

* Developing a responsive and user-friendly interface.
* Offering a wide range of frame options.
* Ensuring a smooth shopping experience from product selection to payment.

# 3. System Design and Features

## 3.1 Design Overview

The website’s architecture is designed to provide users with a structured and intuitive browsing experience.

* **HTML** to define the structure of each page.
* **CSS** for design, layout, and responsive behavior.
* Key pages include:  
  - **Homepage:** Displays featured products and promotions.  
  - **Product Pages:** Organized display of frame categories with descriptions an pricing.  
  **- Cart and Checkout Pages:** Enable users to finalize their purchases.

## 3.2 Features

Key features of *Velvetone* include:

* **Navigation Bar**: Navigation menu for easy access to product categories.
* **Responsive Design**: Responsive design suitable for various devices.
* **Interactive Elements**: Add-to-cart functionality for convenient shopping.
* **Check Out**: Secure and user-friendly checkout process.

# 4. Implementation Process

The website was implemented using standard web technologies including HTML for structure and CSS for styling. Special attention was given to creating a responsive design to ensure usability across different devices. Features like add-to-cart and secure payment options were tested for reliability. Each page was implemented with a focus on user experience and functionality:

* **Home Page**:
  + Includes a promotional banner with a call-to-action button linking to the shop page.
  + Responsive layout with a navigation bar and brand logo.
* **Shop Page**:
  + Displays category of frames
  + Buttons link to respective product pages.
* **Frame Pages**:
  + List products with images, descriptions, prices, and discounts.
  + Add-to-cart functionality implemented via buttons.
* **Cart Page**:
  + Lists selected items with their details.
  + Provides options to update quantities or remove items.
  + Displays total price, number of items, and savings.
* **Payment Page**:
  + Collects billing information and payment details.
  + Includes a confirmation link to finalize the purchase

# 5. Testing and Results

Extensive testing was conducted to ensure functionality and user experience.

This included:  
**Functionality**: Verifying navigation links and add-to-cart functionality.  
**Responsiveness**: Testing responsiveness across devices (mobile, tablet, desktop).

**Input Validation and Usability Feedback:** Conducting input validation for checkout forms. Feedback was collected and used to enhance usability.

# 6. Acknowledgements

We extend our heartfelt gratitude to our instructor, [Ali Hamza], for their invaluable guidance and support throughout the project. We also sincerely thank our peers for their constructive feedback during the development and testing phases.

# 7. References

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