**Project Report**

**Integrated Portfolio & Store Web Application**

**1. Introduction**

This report summarizes the design and features of a personal website that integrates a portfolio, e-commerce store, and contact functionality. Developed as a beginner project, the site uses modern web technologies to create a professional online presence.

**2. Key Features**

* **Hero/Profile Section:** Developer’s name, image, tagline, and introduction.
* **Behind the Scenes:** Creative process timeline illustrating a typical web development day.
* **Tech Stack:** Animated icons for HTML5, CSS3, JavaScript, Bootstrap, Git, and Cloud tools.
* **Portfolio:** Responsive grid of project “cards,” each linking to a detailed description.
* **Store:** Product cards with add-to-cart and cart modal features, plus a contact form for inquiries.

**3. Technical Implementation**

* **Languages and Libraries:** HTML5, CSS3 (including Bootstrap 5), JavaScript.
* **Design:** Modern, responsive layout using Bootstrap’s grid system and Google Fonts (Poppins).
* **Functionality:** Interactive cart logic, modal windows, and smooth site navigation.
* **Accessibility:** Alt text for images, clear navigation, and mobile-responsive layouts.

**4. Challenges & Solutions**

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| **Challenge** | **Solution** |
| Image Paths | Ensured all image files are linked with correct paths. |
| Cart Functionality | Improved JavaScript logic for reliable cart updates. |
| Responsive Design | Used Flexbox and media queries across devices. |
| Personalization | Tailored site content and visuals for a beginner’s journey. |

**5. Conclusion & Next Steps**

This project demonstrates the process of building a modern personal website from scratch, highlighting technical growth and adaptability. Planned enhancements include backend integration for the contact form, portfolio expansion, blog resources, and user authentication for full e-commerce functionality.

**End of Report**