

Building an e-commerce website on CodeIgniter Framework and Responsive Web Design technology

Nguyen Thinh Chien

Abstract: In the digital age, building an e-commerce website plays an important role in expanding business markets. This topic focuses on the process of designing and deploying an e-commerce system on the CodeIgniter Framework platform along with Responsive Web Design (RWD) technology. The reason for choosing this topic is due to the needs of businesses in optimizing user experience across multiple devices. The main objective of the project is to build and test a flexible e-commerce interface that responds well to all screen sizes. The research methods applied include technical analysis, programming, and practical testing. Through the implementation of this topic, we hope to contribute to the development of the information technology industry and enhance self-reliance in e-commerce website design in Vietnam.

Keywords: E-commerce website, CodeIgniter Framework, Responsive Web Design (RWD), Information Technology, Web application development