

Building a multi-compatible interface mechanism for web systems using Bootstrap technology

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Abstract: In practice, the increasing demand for mobile devices and tablets has changed the way users access information on the web. This topic focuses on building a multi-compatible interface mechanism to improve user experience across different device platforms, particularly using Bootstrap technology to optimize design for various screen types. The objective of this topic is to develop a web system capable of displaying and operating effectively on both desktop computers and mobile devices through theoretical and experimental research on how Bootstrap manages layout and interface structure. The expected outcome of this topic is an effective solution to the problem of lack of compatibility between web systems and multiple device types, contributing to improving service quality and user experience.

Keywords: Multi-compatible interface, Bootstrap technology, web system