

Building a library management website for Quang Tri province using single page application, Laravel framework and Vue.js.

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Abstract: In the process of developing and managing library information, building an online management system plays an important role. This topic focuses on designing and implementing a website for managing the Quang Tri provincial library using a Single Page Application (SPA) combined with the Laravel Framework and VUE JS. The context of the topic stems from the need to modernize the library's information management system to improve service efficiency for readers. The main objective is to build a user-friendly interface with high security and integrate many features such as online book search, borrowing and return management, and book information updates. The research method includes both learning from existing documents and practicing project implementation following the Agile process. The expected result is an effective library management system that meets user needs and serves as a typical example of SPA application in the field of library information management.

Keywords: Library management website, Single Page Application (SPA), Laravel, Vue.js