

Local cultural heritage discovery website integrating AI virtual guide

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Abstract: This topic focuses on developing a website aimed at exploring and preserving local cultural heritage through the integration of artificial intelligence (AI) technology to provide virtual tour guide services. The context of the topic stems from the need for digital realization in the field of cultural tourism, while also enhancing visitor experiences and preserving cultural heritage. The objective is to build an AI system capable of providing detailed information about cultural heritage sites, explaining local history and traditions, thereby supporting public education on cultural values. The research methodology includes both theoretical aspects in the field of AI and experimentation for application deployment. The expected result is to provide an innovative solution that helps maintain and promote local cultural heritage, while also contributing to sustainable tourism development.

Keywords: artificial intelligence, cultural heritage, virtual guide, discovery website, digital