# ABSTRACT

**WEBGIS-BASED MAPPING OF TOURIST OBJECTS IN PEMALANG DISTRICT**

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*Pemalang Regency, which is an area rich in tourism potential, requires a system that can map tourist attractions efficiently. Webgis technology is an attractive solution by providing easy access to tourist attraction information via the internet, making things easier for tourists and local governments. The Scrum development method was chosen to build a system that is responsive and adaptive according to user needs. This research uses Laravel for the backend, React.js for the user interface, and MySQL for data storage. The aim is to increase the accessibility of tourist information in Pemalang Regency, facilitate tourism promotion, and improve the management of tourism potential. The result is a website that provides geographical information on tourist attractions in Pemalang Regency which can be accessed online anytime and anywhere. This website makes it easier for users to find information on locations, facilities and activities at various tourist attractions. This system is expected to help tourists plan their trips better and assist local governments in tourism promotion. By leveraging modern technology and structured development methods, this system provides an interactive user experience. In system testing, the black box method was used with 63 test cases and the test results showed that the system passed 100%, proving that the system functioned as expected. Its implementation is expected to have a positive impact on the local tourism industry and the economic growth of Pemalang Regency. This is an effort to combine information technology with the tourism sector to create sustainable and competitive solutions in the digital era.*

***Keywords: Pemalang Regency, Tourism, Tourist Attraction Mapping, Webgis***