ABSTRACT

DESIGN AND BUILD VIRTUAL TOUR WEBSITE WITH BACKEND PHP FRAMEWORK LARAVEL AT PT. TOUREZIA YOGYAKARTA

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The COVID-19 pandemic has had a significant impact on the people of Indonesia, starting from economic factors, education, and others. Many of these factors involve routine physical activities, such as buying and selling processes, face-to-face meetings in class, tourism, and so on, which must be stopped until an undetermined time. However, with a good information system, the economy, education, tourism, and other factors can operate and process information more effectively and efficiently to produce the desired goals. PT. Tourezia Yogyakarta is a company in tourism sector which affected COVID-19 and all sectors related to tourism suspended indefinitely. Therefore PT. Tourezia Yogyakarta utilizes technology applications to create a website-based virtual tour. The virtual tour website can make it easier for people who want to travel to various tourist attractions in Indonesia, especially Java Island, but are blocked due to the pandemic. Virtual Tour is certainly a form of innovation in the tourism sector that will help tourists during the pandemic. The virtual tour website design uses the Laravel back-end PHP (Hypertext Preprocessor) framework and MySQL database. Laravel is an open-source and free PHP-based web framework, created by Taylor Otwell and aimed at developing web applications using the Model-ViewController (MVC) pattern. The MVC model is a model that can develop websites effectively and efficiently in terms of development, division of tasks, documentation, testing, and maintenance. Application development using the MVC model is divided into smaller cases so that the systematic development process can be well structured. This study will discuss the design of a website-based application using an MVC model based on the Laravel framework.

Keywords : Covid-19, *Virtual Tour*, *PHP*, Laravel, *MVC, MySQL*