ABSTRACT

These days, the development of Information Technology (IT) was increase rapidly, encouraging the implementation of the digital village program in West Java province with villages as one of the main focuses. West Java province has 5.957 villages with villages that have access to internet network have been more than 50%. Unfortunately, the development of IT is still not used to optimize village potential.

The villages in West Java province have abundant natural resources, tourism potential, products and expertise. However, technological developments have not been fully utilized to optimize the potential of each village, of course this will act to hinder the development of villages in West Java province. Therefore, villages must be able to adapt to technology by paying special attention to villages as the main focus in the West Java provincial development program, namely through the digital village program.

The digital economy must be built based on stakeholders and based on the spirit of mutual cooperation. The online forum is a forum for discussion, sharing experiences and brainstorming related opportunities and challenges for digital economy development in various regions. Therefore, it is necessary to develop a discussion forum module in the village as a media for discussion forums. The scope of this module is villages in West Java. This discussion module will be built in a web version using the Scrum method using the PHP programming language with the laravel framework and the MySQL database system. This discussion forum will also be built by implementing a three-tier architecture so that the discussion forum has good performance. The expected result is a discussion forum that is built to accommodate the people in the village to provide aspirations and opinions about their respective villages in West Java.

Keywords: village, digital village, forum, online forum, discussion forum