

## **ABSTRACT**

*The occurrence of infectious diseases if not handled quickly will cause an epidemic and cause panic in various parties. In addition, the spread of infectious diseases has parameters in the form of geographic location conditions and the range of area distribution in an area. Many factors cause the spread of infectious diseases, including the lack of vigilance of the government and society to take preventive measures. Various activities to overcome the spread of infectious diseases such as dengue fever, malaria and chikungunya by means of counseling, giving abate powder, and smoking are still not effective. Measures to deal with the spread of infectious diseases are still ineffective due to the lack of information regarding the incidence of infectious diseases to the public. The lack of public knowledge in the field of infectious diseases results in difficulty in handling patients suffering from infectious diseases and the community does not know how to deal with infectious diseases in humans. Seeing the phenomena that occur, it is necessary to have an application system for controlling infectious diseases in humans that provides information about infectious diseases and their prevention based on clinical symptoms that occur, the application process by first gathering a knowledge base, videos, photos and information about the prevention of infectious diseases in humans .*

*Keywords: Knowledge Management System, Infectious Diseases, PHP, Mysql*