

## ABSTRACT

*Since the beginning of 2020, Covid-19 has been endemic throughout the world, including in Indonesia, health workers are at the forefront of dealing with the Covid-19 pandemic. In the current conditions of the Covid-19 pandemic, the role of technology is urgently needed as a support in the health care system to reduce the increasing number of spreads. To overcome these problems, an application system and web were created that can be used effectively and efficiently for health service facilities at the Linggarjati Health Center. Where in the system there is complete information about health services at the Linggarjati Health Center, in order to reduce the spread of the Covid-19 outbreak and can help Linggarjati Health Center health workers in suppressing crowds at health services at the Linggarjati Health Center. In designing and implementing web-based applications using the Laravel programming language, in designing designs using figma tools and in creating web code using visual studio code software. This web-based application will be interconnected with the database, the database used is the MySQL database. All data and information on the website will be stored and managed by the database.*

*On the results of website testing that has been done, it shows that the website has been successfully designed and successfully implemented and can work properly. Websites can be interconnected with applications through the MySQL database using the API. From the results of functionality testing, systems and features on the website that have been made can run and work properly with a success rate of 100%. In the throughput test results, the average result is 35.8 Kbps (Very Good) and the delay test results are 0.16 seconds (Good). In the results of testing the questionnaire using the Likert scale method, the results were 90.13% of 32 respondents. From these results it can be concluded that the respondents (health workers) agreed and felt satisfied and helped by the existence of a web-based application for Linggarjati Health Center services.*

**Keywords:** *Corona Virus, Health, Health Center, Web.*