

## **ABSTRACT**

As time goes by the development of technology is growing quite rapidly, information technology is one of them. Everyone is competing to create creations by utilizing the rate of technological development to facilitate human life.

The pandemic has hampered several sectors, especially the education sector, students are required to do online learning, problems arise. When online learning students do not understand video explanations such as zoom, google meet and others. Teachers also have problems, namely the application for sending assignments is still through the online messaging application, namely WhatsApp, this causes the teacher's WhatsApp to be full of student chats, sending assignments and others.

Therefore, it is necessary to have a web-based online learning application so that teachers can send assignments and learning materials via the web, students can also send their assignments to the web and teachers can check them on the web, creating an idea to create applications that can do web-based online learning. In the preparation of this final project the author took the title "DESIGN AND BUILD A WEB-BASED ONLINE LEARNING APPLICATION SYSTEM AT SMK IP YAKIN. The programming language used is PHP with the Laravel framework. Assignments sent are limited to text and image formats.

**Keywords:** *Website, Laravel, PHP, framework.*