ABSTRACT

The development of information technology has had a significant impact on various sectors, including the agricultural sector in developing countries. This agricultural sector contributes 12.62 percent to Indonesia's Gross Domestic Product, absorbing 30 percent of the workforce. The agricultural sector plays a role as a provider of food and industrial raw materials and plays a role in preserving the environment (Wibowo, 2022). *The factors of low productivity in the agricultural sector, such as lack of capital and cheap selling prices, are the main challenges faced by businesses in the agricultural sector. Therefore, investment in the agricultural sector is important to encourage innovation and increase productivity.*

This research aims to assist farmers in developing agricultural businesses and facilitate investors to provide capital to farmers so that farmers can continue to expand farming. By designing the Investa website, an investment platform in the agricultural sector that uses an iterative incremental method for website development. This research focuses on the development of the Investa website API backend using the Laravel framework as the backend.

The software development method used in this research is iterative incremental. With this approach, the Investa website can be developed in stages by adding new features in each iteration by utilizing a small number of developer resources but with good results. The number of iterations needed in this study is 2 times.

The results of this study are the backend of the Investa website which provides all functions for the client website. With the Investa website, it is hoped that investors can actively participate in supporting the growth of the agricultural sector, while farmers can optimize their agricultural business with adequate capital support.

***Key Words** : Investment, Agriculture, iterative incremental, Laravel*