

## **ABSTRACT**

*Nganggur.id is a startup engaged in the field of Freelance E-Commerce and is located in Bandung, West Java, Indonesia. Nganggur.id stands on the basis of the high rate of Open Unemployment Rate in Indonesia and the difficulty of freelancer in project management is also a supporting factor of Nganggur.id. Unemployment is a very complex problem. If unemployment is not immediately addressed, it has the potential to cause social vulnerability and poverty. Based on the results of a survey about the knowledge of the concept of freelance, there are several problems that occur in job search. Generally it is difficult to find freelance work because it only relies on projects from friends and relatives. In addition, motivation for extra income is a factor that cannot be separated from the term "freelancer".*

*Based on the above problems, it is necessary to develop a system or application that aims to help project owners and freelancers to connect to one another in freelance work. Freelance Service Application is an application that is used to accommodate all needs related to freelance work. By using the application, employer and freelancer can quickly conduct freelance work transactions, such as project auctions, project progress monitoring, facilitate communication between the employer and workers, and become a joint account between all parties who interact in it. The Freelance Service Application will be developed using the Laravel framework and MySQL database. The basic basis of application design is designing applications with friendly appearance on mobile devices and desktop. The method used in this research is Extreme Programming. Extreme Programming Method is an application development method that is efficient, fast, and flexible.*

*The results of the study are the freelance service applications that have been tested through Scenario Testing to get a percentage value of the success of the application function. The test results get a value of 98.86% which means that almost all testers can use the application properly. So it can be concluded that the Extreme Programming method is considered appropriate in this study.*

**Keywords :** *Open Unemployment Rate, Freelance E-Commerce, Freelance Service Application, Extreme Programming, Laravel, MySQL, Scenario Testing.*