

ABSTRACT

StartUp Nganggur.id is a Tech-StartUp which is engaged in freelance work. Nganggur.id was first built on November 10, 2018 in Bandung, West Java. Nganggur.id aims to accommodate freelance work from both sides between freelancers and freelancers on students. Nganggur.id is located on Kinagara Street I, Lengkong, Bojongsoang, West Java.

Nganggur.id is present by bringing solutions to problems based on surveys that have been conducted to more than 100 students of Telkom University. Some problems, including; difficult to find trusted freelancers, there is no track progress feature on the job, and there are no guarantees for projects / freelancers. This has had a negative impact on both sides, namely the difficulty of finding work according to ability and the difficulty of finding freelance workers who are capable and trusted.

Based on the above problems, it is necessary to develop platforms / platforms that have a system to help bring together freelancers and freelancers in accordance with their respective fields of work. Nganggur.id is the name of the application that is used to collect freelance work listings and connect with freelancers according to their respective fields. Using the Nganggur.id application, freelance employers will be able to find trusted workers, see the progress of the work, as well as the guarantee of a job well done.

Nganggur.id application will be developed using the Android operating system by applying the concept of MVVM and RDBMS database with MySQL application. The method used in this research is Extreme Programming. Extreme Programming Method is an efficient, fast, and flexible method in application development.

The results of the study are the design of freelance service applications that have been tested through Scenario Testing to get a percentage of the success of the application function. The test results get a value of 98.58% which means that almost

all testers can use the application properly. So it can be concluded that the Extreme Programming method is considered fast and appropriate in this study.

Keywords: Freelance, Extreme Programming, MVVM, RDBMS, and MySQL.