

## **ABSTRACT**

*The era of technology has brought great changes to all aspects of our lives, including the way we work. Online-based customer service, free means of communication, and a global network have created a better space to do, outsource and freelance. Based on the results of a survey conducted with companies in Indonesia, around 66 percent of small businesses and 65 percent of medium-sized businesses provide employment for freelancers. This means that Indonesia has high potential in terms of market opportunities for freelancers. However, most freelancers in Indonesia still use marketplace platforms based abroad, this causes some losses for freelancers such as the use of foreign payment methods, high website fees, and other things. Therefore, the researcher developed a website called Graphic Visual (Gravis). Gravis is a digital startup that aims to help expand the freelancer market in Indonesia by building a marketplace platform where freelancers can meet directly with project owners. In carrying out its development, researchers used the scrum method. The use of the scrum method can help the website development process at a startup because scrum has an agile nature, it supports the development of startups whose needs are still constantly changing. The final result of this research is a website that will be used by Gravis startup. To ensure that the website that is built is in accordance with the needs of the startup, testing is necessary. The testing technique used in this research is black box testing and stress testing. Based on the results of black box testing, the built features are already running according to user needs. The results of stress testing show that the website is able to receive 400 requests from 40 users simultaneously. For further development of the Gravis website, it is recommended to add other important features and use APIs to help develop mobile applications.*

**Keywords:** *scrum, startup, freelancer, marketplace*