ABSTRACT

DESIGN AND BUILD MEDIA PORTFOLIO AND
SALE OF GRAPHIC DESIGN PRODUCT BASED
ON CODEIGNITER 4
*(Case Study:**Beastmedia Studio**)*

By

Ghulam Ammar Yanuar

18102194

Beastmedia Studio is a graphic design team working on the Fiverr platform, offering design services such as clothing designs, logos, illustrations, and others. Beastmedia Studio does not yet have a website for selling graphic design products, so it needs a website to accommodate design products in order to increase sales traffic and have the opportunity to generate better income. Development is carried out using the Agile method and testing with Blackbox Testing to test website functionality, while white box testing is to test the addtocart code on the cart form and the saveShop code on the added product design data form. Portfolio media and graphic design product sales based on CodeIgniter 4 use the PHP base with the MVC framework and dynamic website concepts, and use the Bootstrap framework. And in the design product there is an implementation of steganography to hide secret messages or licenses from the design product to find out that the design product is original or original. The results of testing using blackbox testing are 6 valid functionality tests and 1 invalid, so a percentage of 85.7% can be obtained.

Keywords : **Agile, Blackbox, Codeigniter 4, Dynamic Web, Whitebox**