

ABSTRACT

Distribution is a group of institutions that are interrelated with one another to carry out the distribution of goods or services so that it is available for use by consumers (buyers) and intermediaries who are closely connected with one another in the distribution of products. Many people do not yet know what are the most important needs when disaster strikes the refugees. Therefore here the author will take the title of Donation Application with the Goods Management and Goods Distribution Module which explains how the donation proceeds for victims are processed. It is intended that the general public can know the most important needs so that goods that have been donated will be very useful for refugees. The methodology used in this study is the object oriented method or OOP (Object Oriented Programming) and software development methods using prototypes. Whereas in making the software using CI (Codeigniter) which is a framework that is used to create a web-based application that is compiled using PHP and database using MySQL as well as the use of Blockchain for additional data storage so that the data can be validated properly and credibly. In the initial stage, users who access this program will go to the start page view, about and information, and after that the user can enter the login and registration account form, and the user can access everything on the web after logging in.

Keywords: Information System, Distribution, Donation of Goods, Blockchain