ABSTRACT

Donors are people who donate their wealth to be given to others in need, such as victims of natural disasters, people who need funding to buy expensive medicines, or help provide interesting ideas and ideas in making a work. Many people who actually have goods that are still useful but are not used anymore and confused what to do. Therefore, here the composer will take the theme of the Donation Application with the Donor Module which explains how donors can donate items to the recipient of the donation. It is intended that the general public can find out the needs of any items that are worthy of donation so that it can be useful and beneficial for the recipient of the donation. 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 be given a system home page in the form of a homepage, about and information display, and are confronted with the login and registration account forms, after which the user can access everything on the web.

Keywords: Donation of Goods, Donations, Donors, Blockchain, Information Systems, web-based applications