

ONE TIME PASSWORD (OTP) SYSTEM IN SECURING THE WEBSITE LOGIN PAGE WITH EMAIL NOTIFICATION (CASE STUDY: MINIMALIS VEGETABLE SHOP)

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ABSTRACT

Shopping for daily necessities must be carried out by the whole community. Sometimes when you are shopping, the shop runs out of stock of the vegetables you want to buy. So a vegetable ordering service was created in the shop, a vegetable ordering service through a system. The system used is the result of certain programming. The aim of this research is to make it easier to get a list of vegetables to be purchased, one of which is a vegetable ordering system, as well as a secure registration system that makes user data safe. The method used by the author is an email-based One Time Password (OTP) to provide a sense of security to the user when registering on the website safely. Users register by entering their personal data on the registration page, then an OTP code will be sent to the email requesting the registration request provided that the user's email is not yet registered in the database. The results of this research show that the system with OTP security is website-based. The system created has an OTP feature and the process of shopping for vegetable needs is very efficient without fear of running out of stock. Thus, the use of modern technology can make it easier to use the system.

Keywords: *Security, Login Page, Email Notification.*