

ABSTRACT

Currently cell phone use (HP) to the means of communication, information and entertainment has become the trend of the community. Use the HP can not be separated from the need for the availability of vouchers so that HP can be operated and perform its functions properly. Vouchers provided by the service provider of telecommunications services in the form of physical (cards) and electronic (MKIOS). How to charging vouchers common today is done manually by dialing or sending an SMS request to the number of operators with a specific format. The downside of this method is often of error (human errors) in the writing format of the request, and records of transactions that can not be automatically monitored either by the seller or buyer. To minimize these existing constraints, in this final project created a charging applications web-based electronic vouchers.

This final project is the development of the final project that has been there before. Applications are made to have a more comprehensive service features and structured along with security tools for protecting financial transactions as well as sales and purchase vouchers. These application services include sales, membership, purchase or deposit additional credits, and account information of members.

This application was built using the PHP programming language, MySQL database server. For security tool in this application using md5 for password encryption and CAPTCHA to the registration process.

Once this application is designed and tested. The result of all menus in this application can be run and accessed by the user. From the aspect of access, the average download time admin menu obtained by 7 seconds with an average size of 14.57 kb download each page. While the member is 5 seconds with an average download size of 15.8 kb per page. From user testing carried out, in general we can say that all users said they were satisfied with the performance of web applications and services provided.

Keywords: pulse, web, vouchers, transaction, md5, CAPTCHA