

ABSTRACT

Mascom is a computer shop that serves selling and purchasing of computers. Mascom marketing is done by distributing brochures, banner, participating in computer exhibitions, and COD (Cash On Delivery) so the marketing is not maximal. The distance constraints makes the marketing of Mascom does not maximal. Therefore, the marketing problems is solved by the existence of e-commerce. This study aims to increase the scope of marketing for business development and facilitate sales transactions for Mascom.

This study used the waterfall method with systematic and sequential approach to software development. The test method used blackbox testing.

The results of this study are a Mascom e-commerce website with features namely home, product category, about us, contact us, account login. Whereas in member features, there are baskets, order lists, change profiles. Moreover there are product management features, order lists, message history, guest books, update info, and flash images in admin features. This e-Commerce has been tested using blackbox testing. In testing blackbox, there were no obstacles in normal use. Based on 16 items of blackbox testing method, it can be concluded that e-commerce is 100% fulfilled. On the other word, it can run as expected.

Keywords: E-Commerce, Mascom, waterfall, blackbox testing



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