

ABSTRACT

In the globalization era, there are so many people using technology to fulfil their needs. It cannot be denied again that the need for technology is very high, not least in the supermarket. Most of supermarket's visitors are confused to find the location of items to be purchased. Especially if the supermarket has a very large area. So the visitors will probably feel confused in looking for items to be purchased there.

This web-based application is an application that can help visitors in determining the location of items to be purchased. Only by entering the type of items to be purchased, visitors will be notified of the location, specifications of that items, along with stocks of items indicated by the navigation map and other attributes which included into this application. It is expected that by this application, visitors can shop quickly and conveniently without confused about the location of items.

This final project created a web-based application that uses PHP as the user interface and MySQL as the database along with other graphics applications that can support this application facility. This application is designed to help visitors in finding the location of items through a visualization of shelves sketch which are taken directly from the Giant Supermarket Pasteur. Specifications, inventory and other attributes can also be shown on this application.

The final result of making this *Web-Based Application For Products Location Finder In Supermarket* is to facilitate visitors in finding the location of items in supermarket and simplify the supermarket employees, especially for the employees of the warehouse, to see the inventory items which can be accessed directly by displaying the digitizing map of shelf on this application. This application can be useful either for visitors and employees of the supermarket.

Keywords: web applications, the location of products, inventory, PHP, MySQL,