

ABSTRACT

TheArtWork is a subsidiary of PT Ciria Kreasi Indonesia engaged in the stationery business in Bandung and Jabodetabek. At this time, the company TheArtWork just handle the purchasing process offline while the target market is wide open. With these existing problems, the company finds difficult to reach costumer who live outside Bandung and Jabodetabek. In addition, the company also wants to have a shop that can reach costumer wherever and whenever they are.

To overcome the problems that have been mention, the company TheArtWork need to use a technology that can support the business processes of the company. Applying this technology is to build E-commerce. In the development of E-Commerce, the author will use an incremental iterative methods in the process. For analysis and development system that are going to make, the authors will use UML (Unified Modeling Language). At the end, the author will use PHP language to develop the system and CodeIgniter as its framework.

The end goal from E-Commerce development is the company will be easy be easy to get costumer wherever and whenever they are. In addition, customer will also receive information about products, companies, and other details through E-Commerce. E-Commerce also helps the companies to increase their revenue because the product sold directly without going through a middleman or retailer.

Keyword : E-Commerce, Iterative Incremental, Unified Modeling Language, PHP, Codeigniter, framework