

ABSTRAK

This research was conducted to create an application or system that can sell furniture products sold by CV Sumber Jaya Furniture. Previously, CV SJM sold and promoted its products using social media such as Facebook. The location of this research is CV Sumber Jaya Furniture which sells furniture products from sofas and mattresses.

The benefit of this application is for buyers to make it easier to purchase furniture, especially sofas and mattresses so that each buyer can see information about product details, item prices and available stock. The benefit for the company is that sales are getting easier because this system will be part of the digital sales media and this system can be neat and fast in managing the sale and purchase of products. Features in this system include landing pages containing product catalogs, product management, purchase transactions and managing credit payment applications. To make this application using a system development method, namely Rapid Application Development (RAD).

This system will be developed using PHP programming language, using Laravel framework and MySQL database. The stages of research carried out are Requirements Planning to formulate problems that occur, User Design to design UML diagrams and interface designs, Construction to carry out system development using programming languages and Cutover for system testing stages using the ISO 25010 testing framework. Testing of this system and application uses ISO 25010 which tests the Usability aspect. The results of the Usability test resulted in a value of 90.8% with the conclusion that the use was very feasible and very good to be used and applied at CV Sumber Jaya Meuble.

Keywords: Furniture, Rapid Application Development, Laravel, ISO 15010