

ABSTRACT

Title : **DESIGN OF DESKTOP-BASED PRODUCT AND SERVICE SYSTEM ON JUAN COMPUTER USING JAVA PROGRAMMING LANGUAGE AND MYSQL DATABASE**

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The development of information technology is undeniable with growing and expanding into various aspects of life very rapidly that affect the lifestyle of today's people, where almost all activities can be carried out through technology, especially gadgets, one of which is trading activities that have been managed systematically. computerized by utilizing Personal Computer technology. It aims to speed up service and make it easier to stock up on goods, retain and even bring in regular customers. JUAN Computer is a computer service business, laptops, and others related to computer and laptop accessories and equipment. The problem with this Juan Computer Store is that it currently has services that are still quite inadequate because the service at JUAN Computer requires consumers or consumers to come directly to the store, this is very inefficient and this is very time-consuming for consumers who have a long distance from the store. stores, therefore to overcome this problem, a Desktop Apps-based application was designed that can facilitate consumers in store services and with this application customers do not need to come to the store directly, this has its own influence on having its own Desktop Apps application, especially for millennials who indeed prioritize efficiency and ease of access. And the results obtained from overcoming this problem are expanding the market for services and products in stores and introducing the JUAN Computer store to the wider community through social media which has now become a necessity for the wider community.

Keywords: *Desktop Apps, Computer, Service*