

APPLICATION OF PAYMENT GATEWAY ON WEB-BASED DONATION APPLICATIONS

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ABSTRACT

The movement to collect donations is now very widespread, even in the era of the industrial revolution 4.0, online services for raising donations have started to appear. The donation website is a forum to make it easier to make donation campaigns, donate, and also educate independence by creating a marketplace as a means of shopping and there is a part of the profits that is channeled to donate. This study aims to develop a web-based donation system by utilizing the Rajaongkir API to facilitate the process of calculating shipping costs. The development of this system uses the Unified Modeling Language (UML) as a method of system analysis and design. The donation web is developed using the codeigniter framework. The payment process on this system utilizes the Midtrans API as a third party so that transactions become more secure and efficient.

Keywords: *web, donation, donate, shopping, marketplace.*