

ABSTRACT

Indah Wedding Organizer is engaged in rental related to weddings. Indah Wedding Organizer is located at Jl. Dr. Soetomo Gang Gaduh Rantih No. 46 B Simpang Haru Village, Padang Timur District, Padang City, Postal Code 25123. There are problems in ordering and paying vendors because this company still uses manual methods to do both. Thus, the current system and procedures allow for many errors such as making data inaccurate, errors in placing orders and vendor payments. As a result, the owner can suffer losses if something goes wrong. This final project is made in the form of a web-based application. The working method uses the Software Development Life Cycle (SDLC) waterfall model. This method is carried out with a systematic approach, starting from the system requirements stage and then moving on to the analysis, design, coding, testing/verification, and maintenance stages. The steps that are passed must be completed one by one (cannot jump to the next stage) and run sequentially, therefore it is called a waterfall. The application is built using the PHP programming language and the CodeIgniter Framework. Application testing using the Black Box Testing method. This application is capable of handling vendor orders and payments.

Keywords: Vendor Order, Vendor Payment, Web-Based Application, CodeIgniter Framework and SDLC