

ABSTRACT

DESIGN OF BACKEND SYSTEM ON LAUNDRY BUSINESS WEBSITE USING SCRUM METHOD (CASE STUDY: LULU 'N BE LUXURY LAUNDRY)

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The laundry business is a service business that can ease daily work, especially in terms of washing clothes. It can be seen how successful the current laundry business is, which has survived and thrived until now, because people too busy to wash their own clothes. However, most laundry businesses in Indonesia still haven't digitized their business, and their business processes are still done manually or using a simple cashier. This makes laundry businesses in Indonesia difficult to develop and promote their business, one of them is Lulu 'N Be Luxury Laundry, which resides in Purwokerto, Banyumas Regency. Lulu 'N Be Luxury Laundry still implements a simple cashier for their business so that errors often occur in data management, financial records are still done manually, their pick-up order system only uses WhatsApp, the laundry process cannot be monitored by customers, and they don't have website for their business yet. Therefore, in this research I want to design a backend laundry website and its system architecture using scrum method to solve the problems experienced by Lulu 'N Be Luxury Laundry. So their business can develop and have a business profile websites, as promotional media, data management, financial records, a pick-up order system, and the laundry process can be monitored by customers from website. After the backend website development process completed, testing was carried out using Integration Testing and produced a score of 88.52%, as well as for tests carried out using Black Box Testing and obtained a perfect result of 100%.

Keywords : website, laundry, scrum method, system architecture, backend