

ABSTRACT

DESIGN AND DEVELOPMENT OF A WEBSITE SENSHI NO MATSURI USING EXTREME PROGRAMMING METHOD

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The Senshi No Matsuri Festival faces challenges in delivering information through social media platforms such as Instagram and Facebook, which have limited features for showcasing static special event portfolios.. The ticket transaction process conducted via WhatsApp poses difficulties for administrators in compiling data, responding to messages, and repetitively creating and sending ticket tokens. This research aims to design and develop an interactive website as an additional information medium, an online ticket purchase platform, and a festival ticket management tool. By applying the Extreme Programming approach, the website offers automated ticket token generation and integrates with Midtrans as the payment gateway. The research findings indicate that the developed system facilitates ticket management and simplifies the transaction process.

Keywords: *Design and Development, Online Tickets, Extreme Programming, Black Box Testing, SUS*