ABSTRACT

An event is a planned or organized occurrence with a specific purpose, often aimed at providing entertainment, education, or social experiences to participants. In the city of Bandung, where there is a significant number of event enthusiasts, especially those eagerly anticipating their favorite events, there is often a challenge when it comes to purchasing event tickets. Typically, individuals are required to queue at physical ticket sales locations, which can be a cumbersome and time-consuming task. Furthermore, there are some who dislike queuing and prefer to buy tickets without spending hours in lines.

To address this issue, we have decided to employ the Waterfall method for website development, which is a structured approach to designing and developing an online ticketing solution. Our research on event enthusiasts in Bandung has yielded valuable insights that have guided us in designing an application tailored to their needs and preferences.

Through surveys and alpha testing, we have successfully developed an application with exceptionally fast response times in the browser, taking only 96ms to respond to user requests. With this solution, we aim to provide convenience to event enthusiasts in Bandung by enabling them to purchase tickets online, eliminating the queueing hassle, and enhancing their ticket-buying experience to be quicker and more comfortable.

Keywords: Event, Website, Browser.