

## **ABSTRACT**

*Cosplay activities are increasingly popular among Indonesia's young generation. This phenomenon is a potential business opportunity, thus encouraging the growth of the cosplay costume rental business. Based on the results of observations, and questionnaires conducted by the author and colleagues, cosplay costume rentals have various problems faced. Problems that arise include the difficulty of identifying problematic tenants, as well as the difficulty of catalogue management, order recording, and transactions because they are carried out on social media. To address these issues, the research aims to design and develop a cosplay costume rental website using the Extreme Programming (XP) method that emphasises user satisfaction. The resulting features include catalogue/costume management, order recording, tenant track record, and cosplay costume rental activities. The designed website has gone through the testing stage to the rental owners using User Acceptance Test (UAT), with the result that the website functionality works well and meets the needs of the rental owners.*

**Keywords—** *Cosplay, Website, Extreme programming, rental, User Acceptance Test*