ABSTRACT

TICKET ORDERING WEBSITE DESIGN FOR FOOD SECURITY EDUCATION TOURISM USING RAPID APPLICATION DEVELOPMENT METHOD
(Case Study: BUMDES Karangnangka)

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In the era of rapidly evolving information technology, the promotion and development of tourism have become increasingly effective through the use of websites. The food security educational tourism in Karangnangka Village, Banyumas Regency, combines tourism and education aspects through culinary activities, plant cultivation, and sports. However, the ticket booking process still uses the old method of going door to door from school to school. This study aims to develop a ticket booking website for food security educational tourism in Karangnangka Village, Banyumas Regency, to enhance the convenience of ticket booking. The Rapid Application Development (RAD) method was used to expedite system planning, design, and implementation. Data collection was conducted through interviews with BUMDES managers, and system design was carried out using UML diagrams. System testing was performed using the blackbox method and the System Usability Scale (SUS), which showed that the website functions well and is easy to use, with a SUS score of 86.44. The results indicate that the website successfully improves the efficiency of ticket booking compared to the previous manual method and has a high acceptance rate among users.

Keywords: *Blackbox, Promotion, Rapid Application Development, Website*