

ABSTRACT

The development of information technology today is so fast and touching in all aspects of human life. The street vendor service at the Telkom Purwokerto Institute of Technology is still manual (paper based), so the street vendor service process based on the results of the questionnaire data is still not efficient, then the students have not received proper information on the street vendor service process and are considered difficult for students. So the process of street vendor servants that are still paper based is made into a website based and in accordance with the business flow that is done. Design and build website-based street vendor information systems to improve efficiency and provide convenience for students. The method used is Rapid Application Development (RAD), this method was chosen because it prioritizes user involvement in the process of analysis and design, thus being able to meet user needs well and can significantly improve system user satisfaction. This Information System has several access subsystems namely admin, PKL cluster, pembimbing lecturer and students. System quality testing is based on WebQEM quality standards which consist of functionality, efficiency, reability and usability, where testing of functionality using blackbox and all functions are running well, testing the efficiency aspect using GTMetrix produces page pages average of 86.2%, testing reliability using WAPT tools get a success presentation of 96.5% and usability aspects using questionnaires get a percentage of 87.21% so that it can be categorized as "strongly agree" on the Likert scale assessment.

Keywords: *RAD, information systems, field work practices*