

## **ABSTRACT**

*Online transaction application system at Komplek 6 Putri Dormitory at Pondok Pesantren Sunan Pandanaran is an online registration application that was built to make it easy for prospective female students to register. At this time, the registration process at the 6 Putri Complex Girls' Dormitory is manually done so prospective female students must come to the 6 Putri Complex Girls Dormitory to register. With this problem, at Komplek 6 Putri Female Dormitory it was felt necessary to change the current registration method, replacing it with online registration. The research conducted using the waterfall method with the stages of needs analysis, system design, writing program code, system testing, system implementation and maintenance. The expected outcome of this research is to produce an application that can manage letters and letter dispositions according to the stipulated flow, as well as village profile and agenda information that can be accessed by the community, so that the system can resolve existing problems.*

*Keywords: Payment Gateway, Midtrans, Website, Codeigniter*