

## **ABSTRACT**

*The difficulty of the four groups of expertise of the Faculty of Informatics in monitoring and collecting data on tridharma lecturers at the Telkom Purwokerto Institute of Technology based on interviews is a crucial problem. This was triggered by the unavailability of monitoring information system services and the tridharma data collection of lecturers at the Faculty of Informatics. It was concluded that based on interviews, the process of monitoring and data collection on lecturers' tridharma data was hampered. Therefore, an information system for monitoring and tridharma data collection for lecturers at the Faculty of Informatics, Telkom Purwokerto Institute of Technology is needed in order to assist the expertise group in reporting to the faculty quality assurance group in monitoring and recording tridharma data for lecturers at the Faculty of Informatics, Telkom Institute of Technology, Purwokerto which is part of the embodiment of higher education obligations such as teaching, research, and community service. The method used in making this information system is the prototyping method. This method was chosen based on literature studies and the context of the problems from various methods that have been studied that this method produces good and fast information system results so that it can be accepted by users because it produces an information system that has been carried out in the trial phase with good system results with the appropriate interface. . Meanwhile, the system requirements analysis is modeled with the Unified Modeling Language (UML). The result of this research is a monitoring information system and tridharma data collection for lecturers at the Faculty of Informatics, Telkom Institute of Technology, Purwokerto. The existence of this information system is expected to be applied to expertise groups in monitoring and data collection activities of lecturers at the Faculty of Informatics, Telkom Institute of Technology, Purwokerto.*

*Keywords: monitoring, data collection, prototyping, laravel, system*