

ABSTRACT

News distribution within a university environment plays an important role in delivering information quickly and effectively to the academic community. However, the news distribution process at the Information Technology Center of Telkom University (PUTI) still faces several issues, particularly in the slow approval process and poorly managed news archives. To address these problems, the Tel-U News application was developed with a focus on the backend system. This application is designed to accelerate the distribution process and simplify news management on campus. The backend system is built using the Model-View-Controller (MVC) architecture, where the View is replaced by the frontend, while the Controller and Model continue to handle request processing and data management. Testing was conducted using two methods: unit testing and functional testing, to ensure system stability and correctness. The results show that the Tel-U News backend system performs optimally and successfully addresses the existing issues at PUTI.

Keywords: News Distribution, Telkom University, Backend, MVC, API, Unit Testing, Functional Testing