

ABSTRACT

In the era of globalization, the development of information technology is growing rapidly. The rapid development of information technology encourages universities, both public and private, to use information technology in order to be competitive and not out of date.

Telkom University itself has implemented information technology in almost all academic activities. Starting from student registration, lecture scheduling, giving grades and others. Each of these information is divided into several websites. Of course, it will be easier for users if the information spread across several websites can be grouped in one place so that it will be easy to access the information. Then Telkom University also has a lot of applications by the academic community of Telkom University, especially web-based applications so that a container is needed that is used to accommodate and introduce these applications. In addition, to increase engagement and social interaction in the Telkom University campus environment, an application that can be used to interact between the academic community of Telkom University is needed. then with the enactment of PPKM which forced lecture activities to be carried out online, it made it difficult for lecturers and students to make attendance.

Based on the explanation above, a My Tel-U mobile application was developed that can facilitate lecture activities. This application can also accommodate and introduce applications from the academic community of Telkom University. In addition, the My Tel-U mobile application will have a mini social media feature that is useful for increasing engagement and social interaction in the Telkom University campus environment. Finally, the My Tel-U mobile application will have a presence feature using a QR code that is easy to use and reachable by lecturers and students.

After determining the objectives, to determine whether the purpose of making the application is achieved, testing is carried out. The tests carried out are divided into 2, namely alpha testing and beta testing. In alpha testing in the form of functionality testing using the flutter integration test, it produces valid results, which means that the application is in accordance with the design that has been made. While in beta testing by doing usability testing, a Likert scale index of 91% is produced, which means that respondents strongly agree that the My Tel-U application is suitable for use.

Keyword: Information Technology, Academic, Telkom University, Mobile Application.