ABSTRACT

DEVELOPMENT APPLICATION MOBILE CAMPUS ANNOUNCEMENT (UNIKOM NEWS) BASED ON ANDROID PLATFORM AT UNIKOM

by

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Campus and students are two interrelated elements where there are campus there are also student that should be a complementary element. Therefore between students and campus have to established good communication, fast, and synchronized. In such communication or notice are contain the information should be conveyed to all students equally. But as is well known that a lot of students make the staff of college cannot convey information in a personal one by one on each student. In order to support good communication, synchronized, and quick to students. College facilitates through campus media announcements. With the approach is expected to support communications technology better information. Not only facilitates the students as recipients of information but also facilitate the college in providing information. These conditions can be met by the existence of a solution is to build an application based UNIKOM Info mobile and web.

Application Info UNIKOM is built using object-based modeling with Star UML tools. Development of these applications are limited as a client for users of student, meanwhile for data processing on the server can be done through mobile and web applications but is limited to employees UNIKOM only. The application process of Info UNIKOM is using USSO (Single Sign On UNIKOM) by utilizing API Kampus Online UNIKOM. As for communicating with the server, the application using the Web Service on output format in Json and XML. Application development of Info UNIKOM using tools Galileo Eclipse IDE 3.5 for mobile applications and Dreamweaver CS3 for web applications.

Based on the results of testing an application built has achieved the goal which is to facilitate academic of UNIKOM to provide information and receive information bulletin announcements

Keyword: *UNIKOM, UNIKOM Info, Kampus Onlie UNIKOM API, Android.*