

ABSTRACT

Smartphones have become an indispensable tool in this day and age. Most of our current activities require Smartphones, such as: managing schedules, communication media, learning media. The ITTJ Alumni Center application was created with the aim that students, alumni, and campuses can share information about job vacancies, internship vacancies, workshops, seminars, and competitions. The reason for making this application is that there is no platform that connects alumni and students directly. In writing this final project, the author uses several kinds of research methods, such as: survey, data collection, design, manufacture, and analysis. By making this application, it is hoped that alumni can contribute to providing information to ITTJ students, especially internship vacancies which are mandatory subjects on the ITTJ campus.

This application is made using android studio and java programming language. Android Studio is an IDE or Integrated Development Environment used for developing Android applications, based on IntelliJ IDEA. Apart from being an IntelliJ code editor and a useful developer tool, Android Studio offers a lot more features. Java is a programming language that can be run on various devices, especially smartphones. This language was created by James Gosling when he was still at Sun Microsystems which is part of Oracle in 1995. Java contains a lot of C and C++ languages which are compiled much simpler and can run on various platforms so that it gets the nickname "Write once, run where even."

Keywords: *Smartphone, Application, Alumni, Java, Android*