

## **ABSTRACT**

*In college education, student often find a problem that make student become confuse in making a decision. The problems that found are student doesn't know how to decide the right optional course because they don't know that they are suitable with the course or not. Then the next problems are confuse to decide suitable topic for the final research and to find a job that suite with their interest after graduate from university.*

*Career planning is one of the problem that happen in university because many students don't recognize their interest to support career planning activity. In deciding a career that suite with interest is an important thing because if student doesn't have interest and serious attention to the object that they learned, so it is hard for student to get a good score in their learning. In another case, if student get their interest and their attention in learning and supported by their talent, absolutely they will get the best score in their education.*

*In this final research, it would be made a interest test system that can be accessed by online using iterative and incremental methodology. This system will make student get easier to describe their interest and to support their career planning. Interest test in this system uses MBTI (Myer-Briggs Type Indicator) as the instrument test. The interest test online system is supported by a robust architecture. The interest test system uses multi-tier architecture and uses Java Enterprise Edition as the programming language that supported by Enterprise Java Bean and Struts technology.*

*Key words : career planning, interest test, MBTI, multi-tier, Java Enterprise Edition, Enterprise Java Bean, Struts*