

ABSTRACT

As a university that has the plan to become a change agent in creating smart and competitive human beings, Telkom University impose a policy that can support the plan, requires their students to live in dormitories which are provided by Telkom University. Staying together in one place with other unknown students can certainly train students to be able to appreciate differences and tolerate other people's culture. However, incompatibility of roommates sometimes creates conflicts that can affect the learning process and life sustainability in the dormitory. Therefore, the dormitory residents are better grouped based on their personality. An application that can group students based on the personality of Myers-Briggs Type Indicator (MBTI) can be the solution to solve the problems. This web-based application was developed using HTML and PHP programming language, MySQL database and black box testing as application testing tool.

Keywords: Dormitory, MBTI, Website.