

ABSTRACT

Each student has a different learning style, depending on their personality traits and how they process information. However, many students are not yet able to independently identify the learning style that suits their personality, which may slow down the learning process. One way to help students better understand themselves is by using the MBTI (Myers-Briggs Type Indicator) psychological test. This test can classify personality types into 16 categories based on individual preference tendencies. Based on this background, a web-based educational application called PsyLearn was developed to help students identify their learning styles through MBTI.

PsyLearn is designed to be user-friendly for students, with a responsive user interface (UI) and an intuitive user experience (UX). The application's main feature is the MBTI test, which generates the user's personality type and then recommends the most suitable learning style. Additionally, the app provides suggested learning resources in the form of books tailored to the user's MBTI personality type. The application was developed using web technologies such as HTML, CSS, and JavaScript, making it accessible from various devices including computers and smartphones. It is targeted at senior high school students, with all content presented in Indonesian.

User testing was conducted to evaluate the application's functionality and user experience using a usability testing method in the form of a questionnaire. The test involved 15 student respondents who had watched the app demonstration video and one teacher. The results showed that PsyLearn received positive feedback from users, with an average usability score above 4.0 on a scale of 5.0 across all aspects evaluated, including navigation ease, feature clarity, interface design, and overall usefulness. These findings indicate that PsyLearn is considered helpful, easy to use, and has strong potential as an effective support tool in students' learning processes based on their learning style and personality.

Keywords: learning style, MBTI, psychology, web application, educational ap