Be-Smart Application in Real Analysis Learning

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ABSTRACT

Be-Smart has been developed for the Real Analysis course at http://besmart.uny.ac.id/v2/course/view.php?id=387. The developed Be-Smart model was tested in the 2019-2020 Academic Year Real Analysis class in Class A, which was attended by 19 students. The material developed focuses on Riemann's Integral material on the One Variable Function. From the analysis of the process and the results of the evaluation questionnaire, the following conclusions were obtained. Students are now very close to the digital world, so they need to build a new internet-based environment (milleu) using Be-Smart. Building Be-Smart is one way to provide a more flexible, adaptive, and inspiring learning space that is in line with current demands. (1) Real Analasis Reference Book which is presented formally, concisely, and densely requires a description that is easier for students to follow by providing additional facilitation through Be-Smart, (2) Be Smart Real Analysis is very beneficial for students in learning material that is formal, deductive, rigid, and logical, (3) Students need an environment (milleu) in learning Real Analysis which one way is to build Be-Smart equipped with face to face, (3) Be-Smart Realalsis is not a substitute for face to face face to face but as a support from face to face, and (4) Be-Smart is placed as a provider of teaching materials that can be read before or after face to face.

Kata Kunci: *Be Smart, Analysis Real*