

The Impact of Collaboration Capabilities on Student Interaction and Engagement in Online Learning

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ABSTRACT

The facilitation of student interaction and engagement constitutes a pivotal element for the attainment of superior educational outcomes within online learning environments. Central to fostering these student dynamics is the cultivation of adept collaboration. This study aims to determine the impact of collaboration skills on student interaction and engagement in online learning. This type of research uses *ex post facto* type with quantitative approach. The research was conducted for six months at Faculty of Economics and Business. The participant of this study, delineated by specific inclusion criteria, comprises undergraduates ranging from the third to seventh semesters, with prior exposure to online learning modalities and proficiency in utilizing information and communication technologies. Data procurement was operationalized through the dissemination of questionnaires in a digital format. The validity of the instrument is proven by Confirmatory Factor Analysis (CFA) while the reliability was ascertained through the Cronbach's Alpha reliability coefficient. The data analysis techniques encompassed quantitative descriptive analysis and Structural Equation Modeling (SEM). The results showed that (1) there was a significant positive influence of collaboration ability on student engagement, (2) there was a significant positive influence of student interaction on student engagement, and (3) a significant positive influence of collaboration ability on student interaction in online learning. These results intimate that enhancements in student engagement within virtual learning platforms may be achieved through the strategic amplification of collaborative skills and by fostering more robust inter-student interactions.

Kata Kunci: *engagement, interaction, collaboration, student, online learning*