The Relationship Between the Type of Interaction and the size of the groups in Collaborative e-Learning and its Effect on Improve the Academic Performance and Electronic Social Competence for the University Students

The research aims to detect the main effect of different type of interaction in collaborative e-learning groups (inside the groups - inside and between groups - inside and then between groups). Then determine the main effect of different type of the size of the groups in collaborative e-learning groups (Small - Medium – Large). In addition to detect the main effect of the interaction between the two variables in the academic performance and electronic social competence. Through the use of collaborative e-learning strategy via web. To design and develop interaction tools in a unit e-learning course. The results: the instruction effectiveness of the unit based on collaborative e-learning strategy via web. It also appeared the main effect of difference different type of interaction in collaborative e-learning groups. Arrangement types of interactions were as follows (inside and then between groups - inside and between groups - inside the groups). It also appeared the main effect of difference different type of the size of the groups in collaborative e-learning groups. Arrangement types of the size of the groups were as follows (Medium - Small – Large). There is no interaction between the two independent variables. Among the results having a positive correlation between academic performance and electronic social competence.