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The previous study which has been read by researcher is about the impact of collaboration tool on students' engagement which observes all the types of engagement; behavioral, emotional, and cognitive engagement by Latha R. Candrasekar. This research is totally different from previous study. This research only focuses on one type of students' engagement. It is cognitive engagement. Besides that, the other previous study that the researcher has been read is A Collaborative Writing Approach to Wikis: Design, Implementation, and Evaluation by Said Hadjerrouit and Engagement in Online Collaborative Learning: A Case Study Using a Web 2.0 Tool by Pao-Nan Chou and Ho-Huan Chen. Those researches use Wikis and Web 2.0 as a tool for collaborative writing. This research focuses on Google docs as a tool for collaborative writing activity.

The other previous study is Google Docs in an Out-of-Class Collaborative Writing Activity by Wenyi Zhou et al. Zhou's research observes about students' knowledge before and after use Google Docs in collaborative writing activity. Another previous study is The Effects of Collaborative Writing Activity Using











