Entrainment is a phenomenon of synchronizing non-verbal expression between two people communicating with each other. In this paper, we perform experiments to observe entrainment between a human user and an agent on a text chat system which can control the utterance speed. The agent can change its utterance speed and switching pause during conversation. The result is different from the one observed in voice chat. When the utterance speed is stable, the subjects were not entrained. When they change, they are entrained. This result suggests that people feel the believability of agent toward the change of non-verbal expression.