Vocabulary knowledge is one of important aspects in language learning, especially for EFL learners who use English as their foreign language. Meanwhile, vocabulary deficiencies are one aspect that often occurs unconsciously to EFL learners. This study aims to identify which type of vocabulary deficiencies that mostly occur in Faculty of Language and Literature learners, Satya Wacana Christian University, Salatiga during online chatting in English. Using Computer-Mediated Communication (CMC), the participants did an online chatting and recorded. The data precede using Stimulated Recall Protocol (SRP) and a semi-structured interview. The data were analysed based on four vocabulary deficiencies classification by Rahsidi and Koshravi (2010). One type of vocabulary deficiencies was found out to have the most occurrences and two deficiencies were found to be related to each other. The findings of this study might provide helpful guideline for EFL teacher and/or learners to anticipate and give a better understanding of vocabulary deficiencies.

Keywords: vocabulary, vocabulary deficiencies, computer-mediated communication