

ABSTRACT

The presence of Ruangguru as an innovation of tutoring has changed a learning method from face-to-face to a flexible learning environment. Following the emergence of Ruangguru, it is known that any ignored pain that is felt by customers of tutoring agencies will be a hole to newcomers in the tutoring market.

Acknowledging that the pain exists while using the service of tutoring, and also to prove The Disruptive Innovation Model, we aim to do a research towards tutoring market in Indonesia in order to see the value of Ruangguru, the pain felt by customers of conventional tutoring agencies, and to observe whether a disruption happens along with the pain category that is solved by Ruangguru.

We obtain 5760 tweets about Ruangguru and 858 tweets about the pain of conventional tutoring. The methodology we use is Text Mining, especially Multiclass Classification, Sentiment Analysis, and Topic Modeling.

According to the results, there are several values that become the advantages of Ruangguru, which also makes it a disruptive innovation by giving some solutions for the pain of conventional tutoring agencies.

Keywords: *Bimbingan Belajar, Disruptive Innovation, Ruangguru, Text Mining*