**Student Engagement during Online Classes in Covid-19: A Sentiment Analysis**

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**Abstract**

**Purpose:** Online classes are valuable learning materials that can assist flexible, remote, and distant learning, especially during the Covid-19 pandemic. This study determines how students engage with online classes and how much they contribute to their learning experiences. The objective is to focus on the student's engagement in an online class. This study identifies the core concern of the education system amid this global pandemic.

**Methodology:** Using the Azure Machine learning for sentiment analysis from the qualitative responses, this study reveals the current state of students' engagement in online classes during the Covid-19 pandemic. This approach provides a better stand towards the student's quantitative data and depicts a better understanding of their sentiment.

**Findings:** The significant findings of this study are: (a) Students' academic effectiveness is not improving. (b) There is a need to restructure the academics according to online circumstances to maintain the student's engagement. (c) Co-curricular activities have been ignored.

**Contribution:** To the best of knowledge, this is the first study on student engagement during online classes after the Covid-19 pandemic. Compared to the available methodologies, this study uses sentiment analysis based on respondents' qualitative data, making this study unique in the relevant literature.

**Keywords**: Online education; online classes; learning experience; sentiment analysis.

**Compliance with Ethical Standards**

* **Conflict of Interest**: The authors have no competing interests to declare.
* **Informed Consent:** Informed consent was obtained from all participants included in the study through voluntary participation.