**Individual Report**

**Member name:**[Avani Mundra](mailto:amudra@asu.edu)

**Evaluated by:** [Rahul Nayak](mailto:rrnayak@asu.edu)

**Date: 10/30/2023**

**Tasks Assigned:**

* Preparing final project report
* Reviewed a not so important research paper ‘"Online Extremism Detection in Textual Content: A Systematic Literature Review’.
* Evaluated [Yeshwanth Reddy Chennur](mailto:ychennur@asu.edu)’s individual progress report for the present week.

**Summary:**

* Assisted in preparing the final project report by drafting summary on accomplishments of the project and writing detailed descriptions of accomplishments achieved individually, key learnings from each research paper, conclusion and recommendations.
* The research paper ‘Online Extremism Detection in Textual Content: A Systematic Literature Review’ highlights the detrimental effects of extremism and provides a detailed review of the current literature on extremist content detection in social networks.
* The paper provides a background of extremism and discusses the various text mining and natural language processing techniques that can be used to identify extremist content.
* The authors adopted a search strategy to identify the research papers associated with this topic and review them in an efficient manner.
* The strategy consisted of answering several research questions attributing to analysis of online extremism, its prediction and the dataset size and machine learning technique employed by researchers in each paper.
* Several computational approaches have also been addressed and discussed in detail.

**Outcome:**

* The paper successfully highlights a thorough literature review of the research carried out in past years for detecting extremist content in social media. It was found that machine learning algorithms achieved high accuracy results. The future scope of this paper details a multivocal literature review to retrieve more relevant data.

**References:**

[2] S. Aldera, A. Emam, M. Al-Qurishi, M. Alrubaian and A. Alothaim, "Online Extremism Detection in Textual Content: A Systematic Literature Review," in IEEE Access, vol. 9, pp. 42384-42396, 2021, doi: 10.1109/ACCESS.2021.3064178.

**Evaluation of Report  
  
Evaluation by:** [Rahul Nayak](mailto:rrnayak@asu.edu) **Date: 10/30/2023**

**Is the weekly member report complete with all the major result(s) of the paper(s)? If not, provide as many examples of the major result(s) missing in the written report as possible. (in bullet form). [within 100 words]**

The weekly member report is comprehensive and includes all the key findings and details from the paper.It effectively summarizes the paper's content, research questions, and computational approaches. It states how the strategy used in the paper can effectively combat online extremism thus mitigating suspicious behavior in social media.

**Is each section of the guidelines sufficiently completed? If not, point out what is missing. [Normally within 40 words].**

Yes, each section of the paper is sufficiently completed.

**Is the quality of this version of the written report satisfactory? If not, then why not? [Normally within 40 words]**

Yes, the quality of the written report is satisfactory.

**Approved by:** [Krupaben Kothadia](mailto:kkothadi@asu.edu)

**Date: 10/30/2023**